PB86-167129

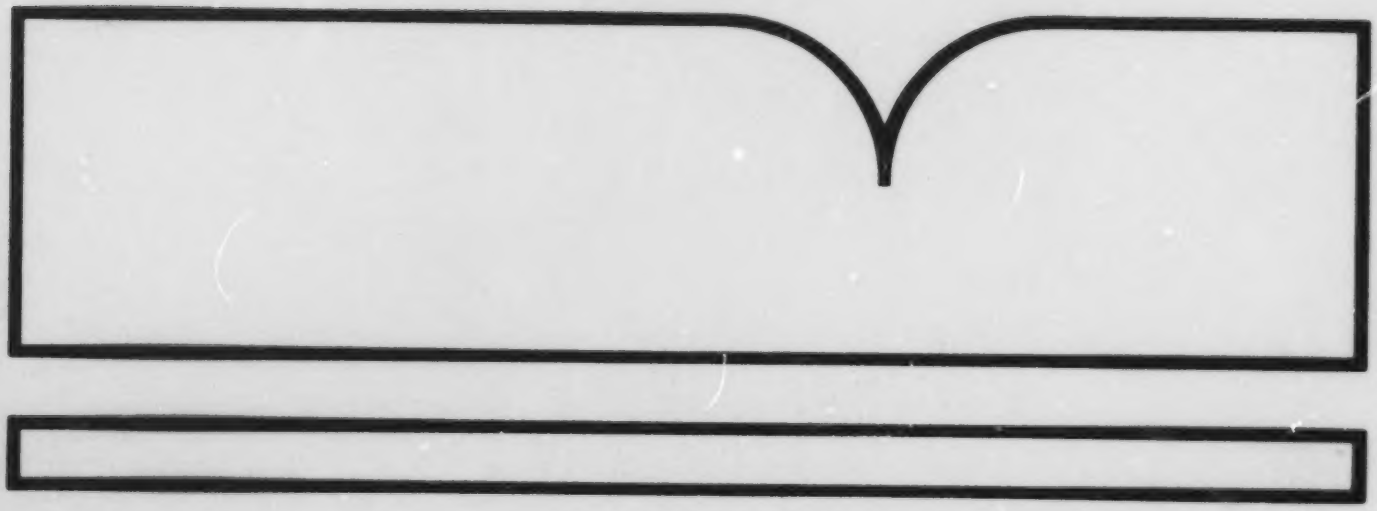
Environmental Assessment: Source Test and Evaluation Report Addendum Lurgi-Type Medium-BTU Gasification Volume 2. Appendix B

Radian Corp., Austin, TX

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

Feb 86



U.S. Department of Commerce
National Technical Information Service
NTIS

PB86-167129

EPA/600/7-86/007b
February 1986

ENVIRONMENTAL ASSESSMENT: SOURCE TEST AND EVALUATION REPORT ADDENDUM--LURGI-TYPE MEDIUM-BTU GASIFICATION

VOLUME II

Appendix B

by

Karl J. Bombaugh
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P. O. Box 9948
Austin, Texas 78766

EPA Contract No. 68-02-3137

Project Officer

William J. Rhodes
U.S. Environmental Protection Agency
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Research Triangle Park, North Carolina 27711

OFFICE OF RESEARCH AND DEVELOPMENT
U.S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

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EPA/600/7-86/007b		

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15. SUPPLEMENTARY NOTES AEERL project officer is William J. Rhodes, Mail Drop 62B, 919/541-2853. The Phase I report is EPA-600/7-79-190; the final report is EPA-600/7-81-142.

16. ABSTRACT The report is an addendum to a 1981 environmental assessment source test and evaluation report (EPA-600/7-81-142) on Lurgi-type medium-Btu gasification in Kosovo, Yugoslavia. It contains analytical data on 21 gasification plant streams, not included in the final report. Condensable organics from the plant's major gas, solid-phase, and selected liquid-phase streams were characterized by the EPA protocol for a Level 1 source assessment to determine the mass distribution of chemical classes which they contained. GC-MS analyses were performed on gas stream condensates to quantify their levels of hazardous PNAs. Profiles of the sulfur- and nitrogen-bearing species in these condensates were obtained with element-specific GC detectors.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS		b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Pollution	Aromatic Compounds	Pollution Control	13B
Assessments	Polycyclic Compounds	Stationary Sources	14B
Coal Gasification	Toxicity	Lurgi Process	13H 06T
Organic Compounds		Condensable Organics	07C
Sulfur		Polynuclear Aromatic Compounds	07B
Nitrogen			

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NOTICE

This document has been reviewed in accordance with U.S. Environmental Protection Agency policy and approved for publication. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.

ABSTRACT

This report, in two volumes, is an addendum to "Environmental Assessment: Source Test and Evaluation Report--Lurgi-Type (Kosovo, Yugoslavia) Medium-Btu Gasification," Final Report, published by the Environmental Protection Agency in 1981. It contains analytical data on 21 gasification plant streams. These data were not included in the original report.

Condensable organics from the plant's major gas, solid-phase, and selected liquid-phase streams were characterized by the EPA protocol for a Level 1 source assessment to determine the mass distribution of chemical classes which they contained. GC-MS analyses were performed on gas stream condensates to quantify their levels of PNAs. Profiles of the sulfur- and nitrogen-bearing species in these condensates were obtained with element-specific GC detectors.

APPENDIX B

INFRARED SPECTRA AND SPECTRAL BOND INTENSITIES OF KOSOVO ORGANICS

This appendix volume contains the infrared spectra from the Level I source assessment on Kosovo organics. These analyses were performed by:

Institute za Primenu Nuklearne Energy (INEP)
Baranjska 15
11080 Beograd-Zemun
Yugoslavia
Under EPA Contract JF 2-570-5

Explanation of identification numbers given in the spectra legends.

Sample Log I.D. No.	Stream No.	Stream Name
1107	1.2	Fleissner Autoclave Vent
1203, 1231	3.2	LP Coal Lock Vent
1147	3.6	HP Coal Lock Vent
1027	3.3	Start-up Vent
1190	7.1	H_2S-Rich Waste Gas
1206	7.2	CO_2-Rich Waste Gas
1234	7.3	Crude Product Gas
1221	13.1	Tar Tank Vent
1149	13.3	Medium Oil Tank Vent
1089	13.6	Tar Separation Waste Gas
1148	13.7	Phenolic Water Tank Vent
1230	14.5	Ammonia Stripper Vent
1151	15.3	Naphtha Storage Tank Vent
1082	20.1	Waste Gas to Flare
1233	1.3	Fleissner Condensate
1049	12.2	Gasifier Ash
1222	13.8	Heavy Tar
1142, 1143	13.7L	Phenolic Water Tank Liquid
1256	13.1L	Tar
1144, 1257	13.3L	Medium Oil
1152-A,B,C	15.3L	Naphtha

Sample log I.D. No. = Test No. on spectra
Stream no. = Sample I.D. No. on spectra

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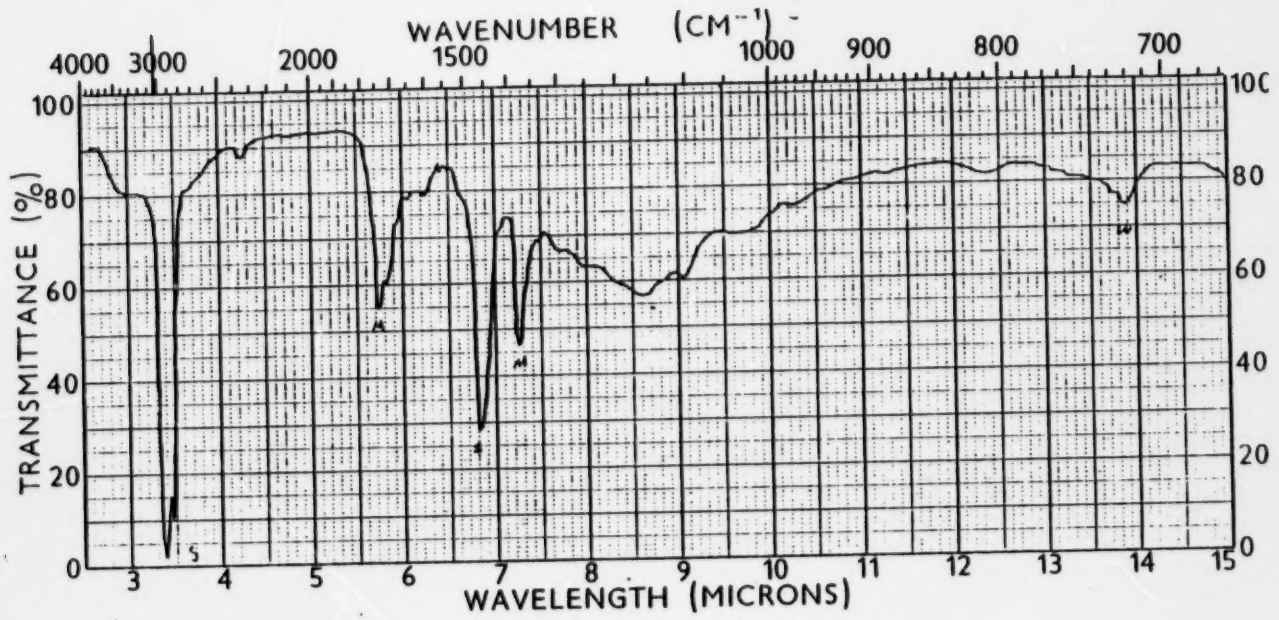
Contract No. JF - 2 - 570 - 5

IR ANALYSIS REPORT

PART I



CONTRACT JF-2-570-5 SAMPLE 1 TEST No. 1027 - I SAMPLE I.D. No. 3.3 ORIGIN I.N.E.P.	PHASE SOLVENT CONC. CELL PATH REFERENCE DIRECT ON WINDOW	SCAN SPEED 8 SLIT N OPERATOR D.J. DATE VI.1980 REMARKS	NO.

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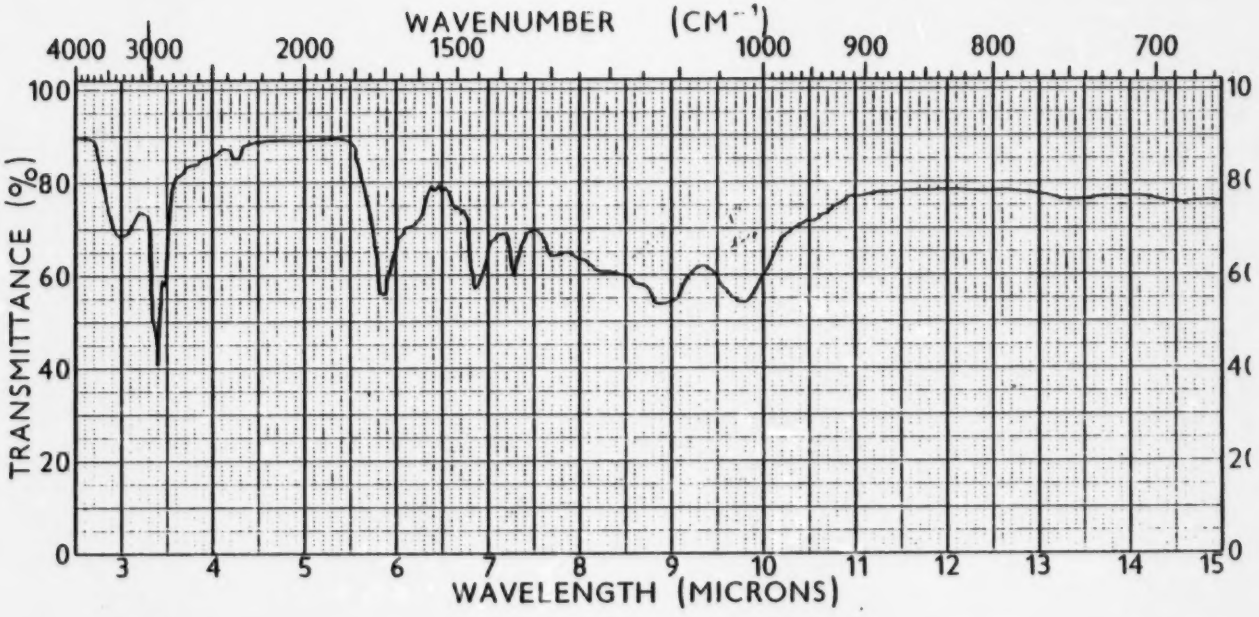
Contract No JF - 2 - 570 - 5
Test sample No 1027-I
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment
3.4	1.66	
3.0	W	
3.5	M	
4.25	W	
5.7	W	
5.8	W	
6.0	W	
6.1	W	
6.3	W	
6.4	W	
6.5	W	
6.8	M	
7.25	W	
7.7	W	
7.95	W	
8.6	W	
9.05	W	
9.7	W	
10.3	W	
12.4	W	
13.85	W	



CONTRACT: JP-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE 2	SOLVENT	OPERATOR D.J. DATE VI.1980.
TEST No. 1152 - C	CONC.	REMARKS
SAMPLE I.D.No. 15.3	CELL PATH	
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW	

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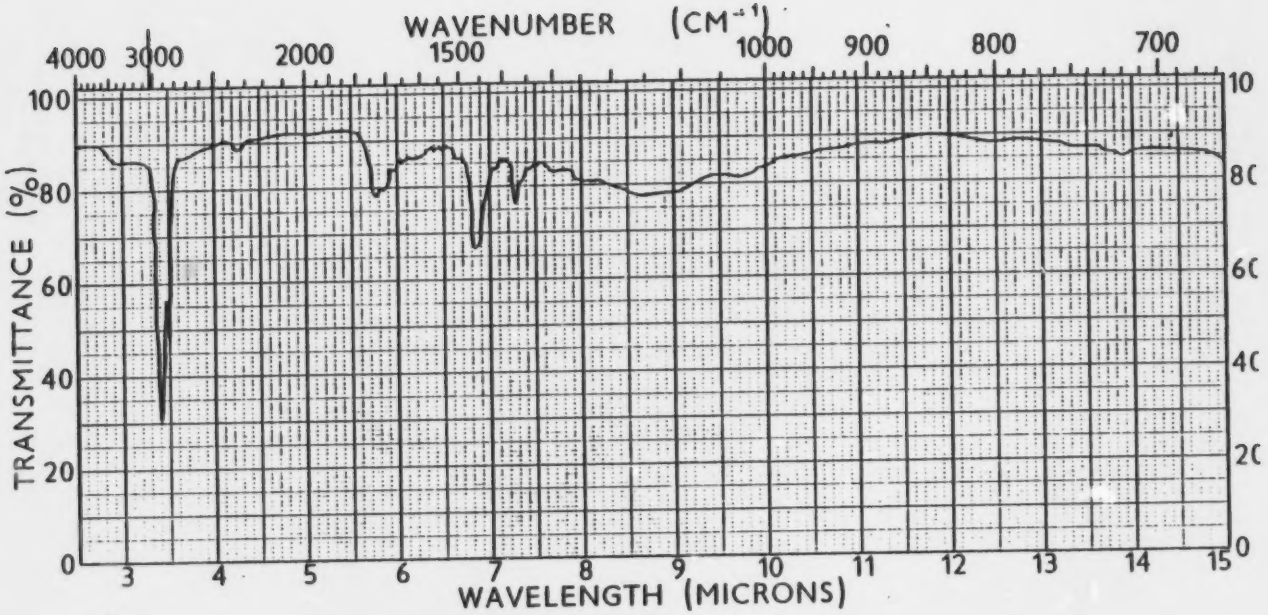
Contract No JF - 2 - 570 - 5
Test sample No 1152-C
Sample ID No 15.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment
3.4	0.34	
3.0	M	
3.5	M	
3.65	W	
3.75	W	
4.25	W	
5.85	M	
6.2	M	
6.4	W	
6.5	W	
6.7	W	
6.85	M	
7.3	M	
7.7	M	
8.9	M	
9.8	M	



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	4	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1233	CONC.	REMARKS
SAMPLE I.D.No.	1.3.	CELL PATH	
ORIGIN	I.M.E.P.	REFERENCE	DIRECT ON WINDOW

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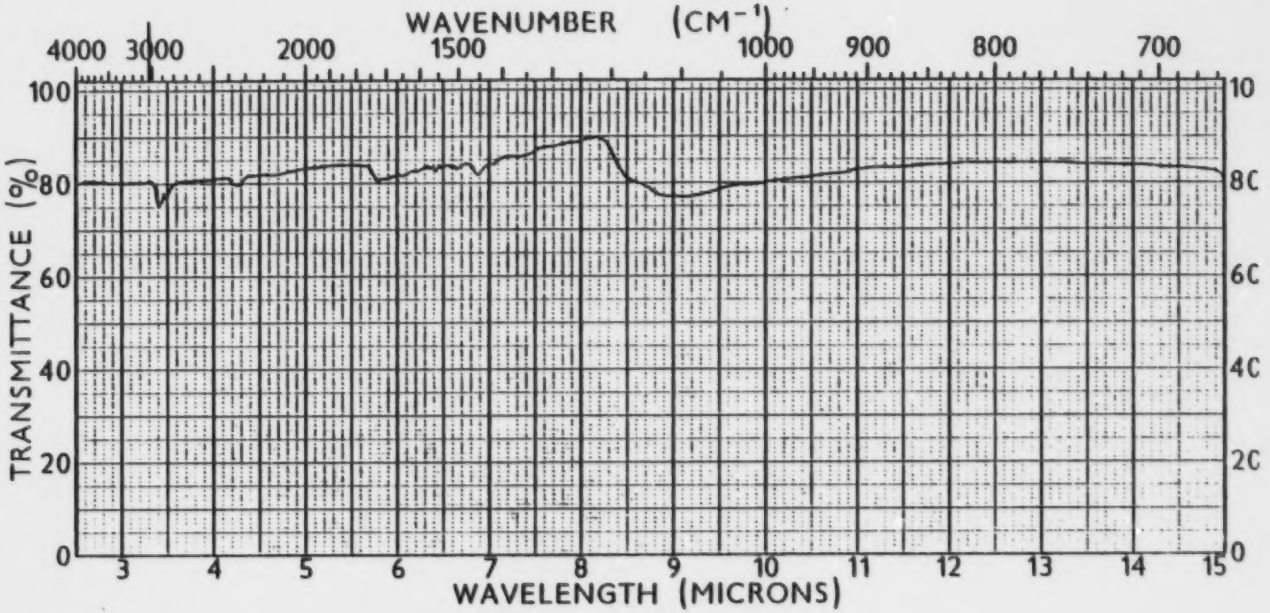
Test sample No 1233
Sample ID No 1.3.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.47		
3.0	W		
3.5	M		
4.25	W		
5.75	W		
6.05	W		
6.85	M		
7.3	W		
8-11	slaba široka traka (wide band of low intensity)		



CONTRACT	JF.2.570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	5	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1269	CONC.	REMARKS
SAMPLE I.D.No.	blank CH_2Cl_2	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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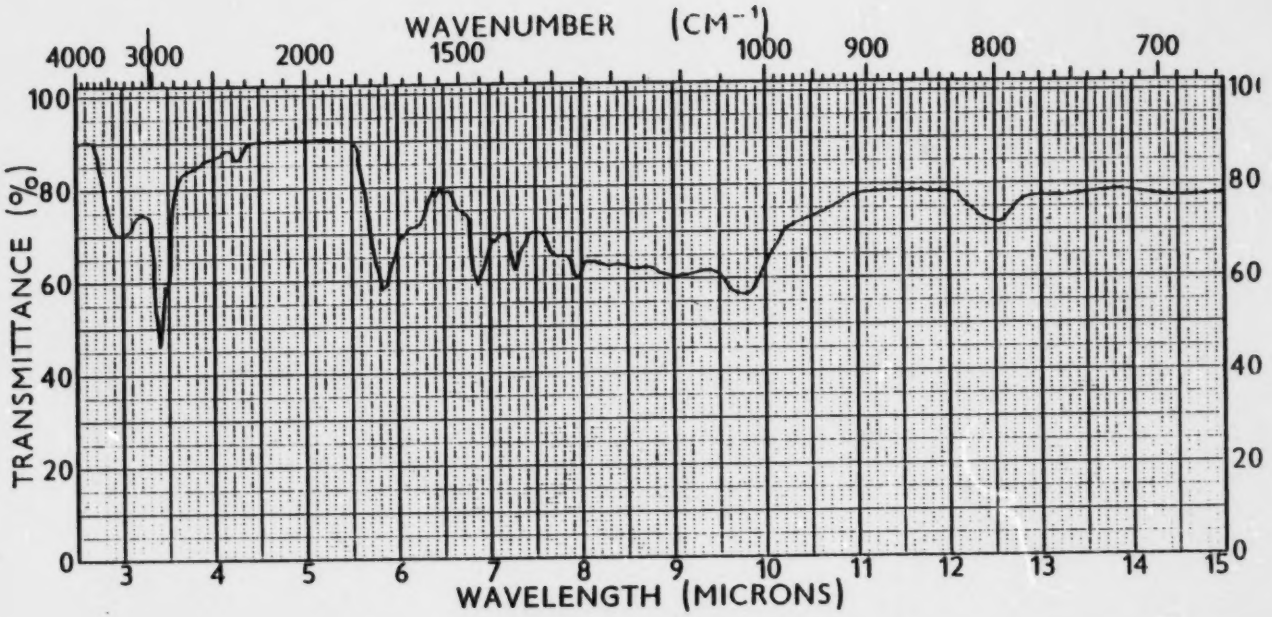
Contract No JF - 2 - 570 - 5
Test sample No 1269
Sample ID No blank CH_2Cl_2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
slaba široka traka (wide band of low intensity)			



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	6	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1152 - A	CONC.	REMARKS
SAMPLE I.D.No	15.3	CELL PATH	
ORIGIN I.N.E.P.		REFERENCE DIRECT ON WINDOW	

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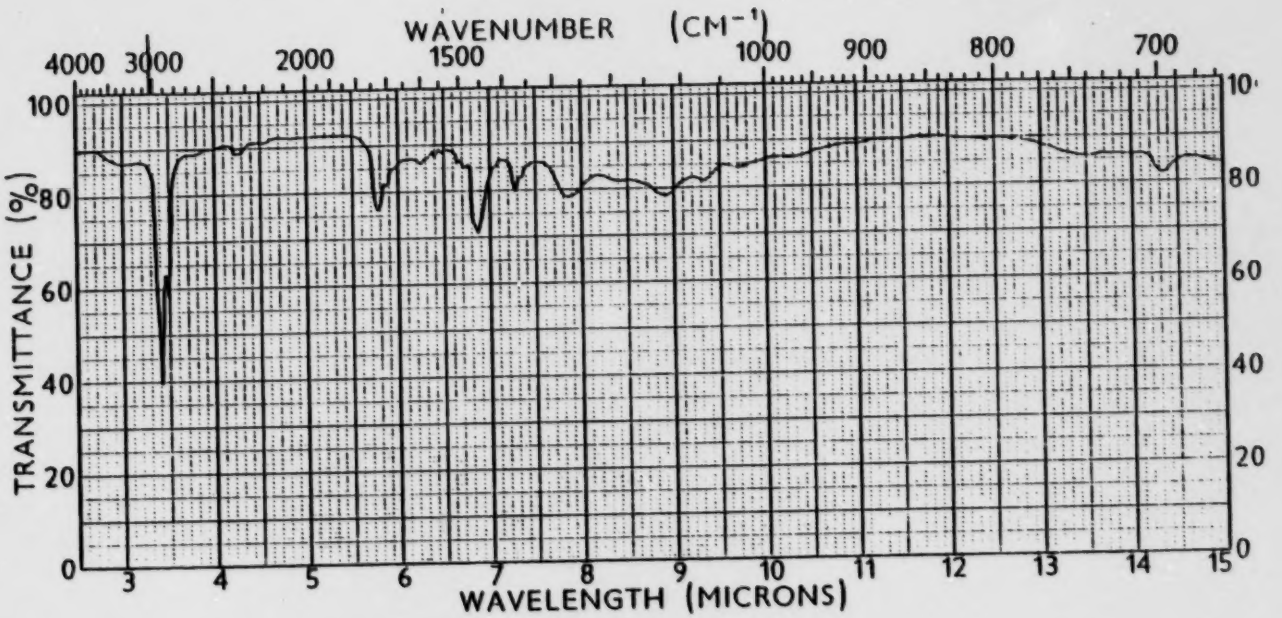
Contract No JF - 2 - 570 - 5
Test sample No 1152-A
Sample ID No 15.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0,29		
3.0	M		
3.5	M		
4.25	W		
5.85	M		
6.05	M		
6.4	W		
6.5	W		
6.9	M		
7.3	M		
7.7	M		
7.95	M		
9.0	M		
9.8	M		
12.5	M		



CONTRACT JF-2-570-5 SAMPLE 7 TEST No. 1268 Sample I.D.No. blank H_2O ORIGIN I.N.E.P.	PHASE SOLVENT CONC. CELL PATH REFERENCE DIRECT ON WINDOW	SCAN SPEED S SLIT N OPERATOR D.J. DATE VI.1980 REMARKS	NO.

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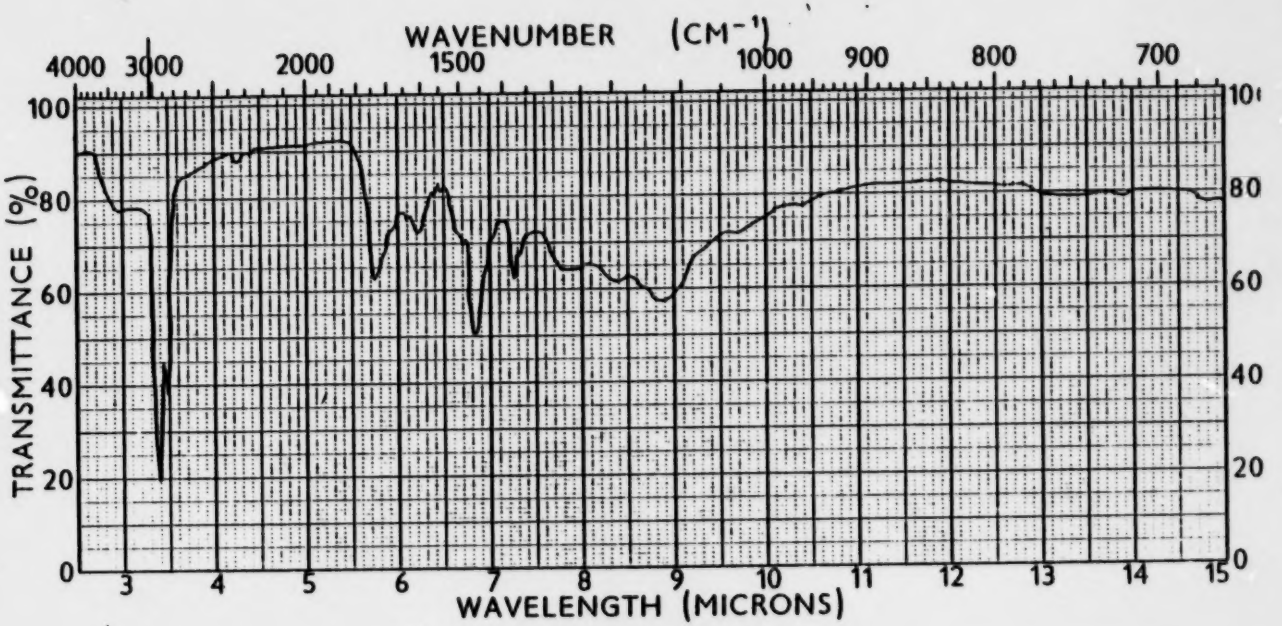
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1268
Sample ID No blank H_2O

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comment
3.4	0.37		
3.0	M		
3.5	W		
4.25	W		
5.8	W		
6.25	W		
6.4	W		
6.5	W		
6.7	W		
6.9	M		
7.3	W		
7.85	W		
8.9	W		
9.35	W		
9.7	W		
13.5	W		
14.35	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	8	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1150	CONC.	REMARKS
SAMPLE I.D.No.	blank XAD-2	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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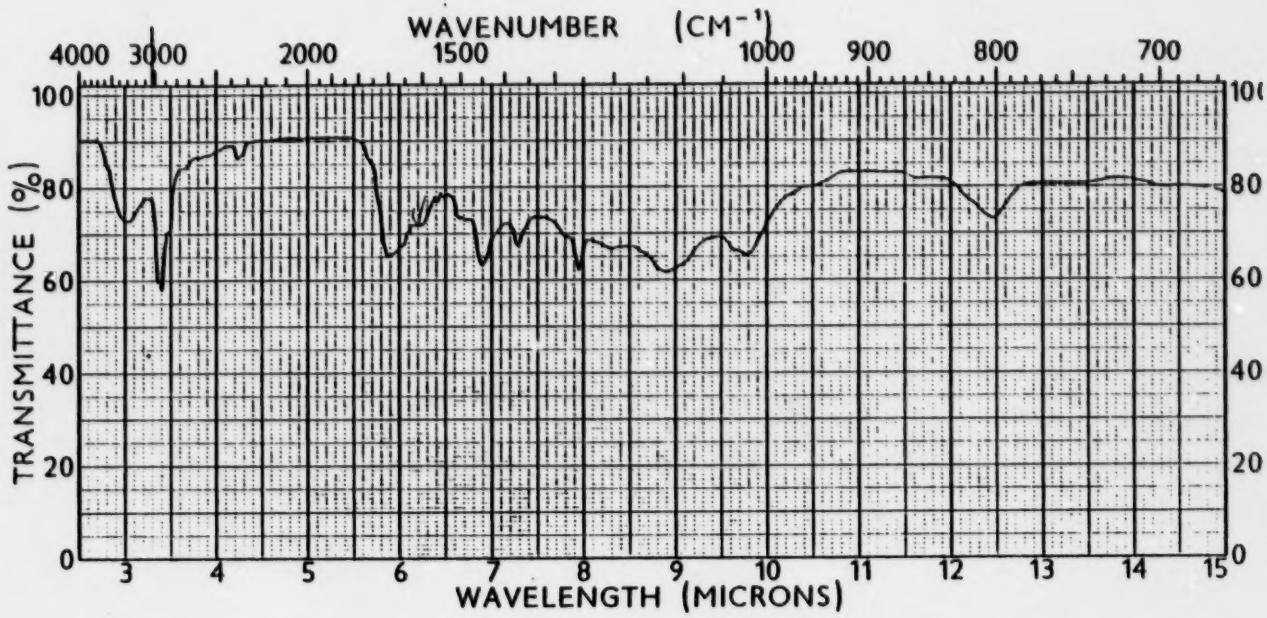
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1150
Sample ID No blank XAD-2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comment
3.4	0.67		
3.0	W		
3.5	M		
4.25	W		
5.75	W		
6.1	W		
6.2	W		
6.4	W		
6.5	W		
6.7	W		
6.85	M		
7.25	W		
7.85	W		
8.4	W		
8.9	M		
9.65	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	9	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1148	CONC.	REMARKS
SAMPLE I.D.No.	13.7.	CELL PATH	
ORIGIN I.N.E.P.		REFERENCE DIRECT ON WINDOW	

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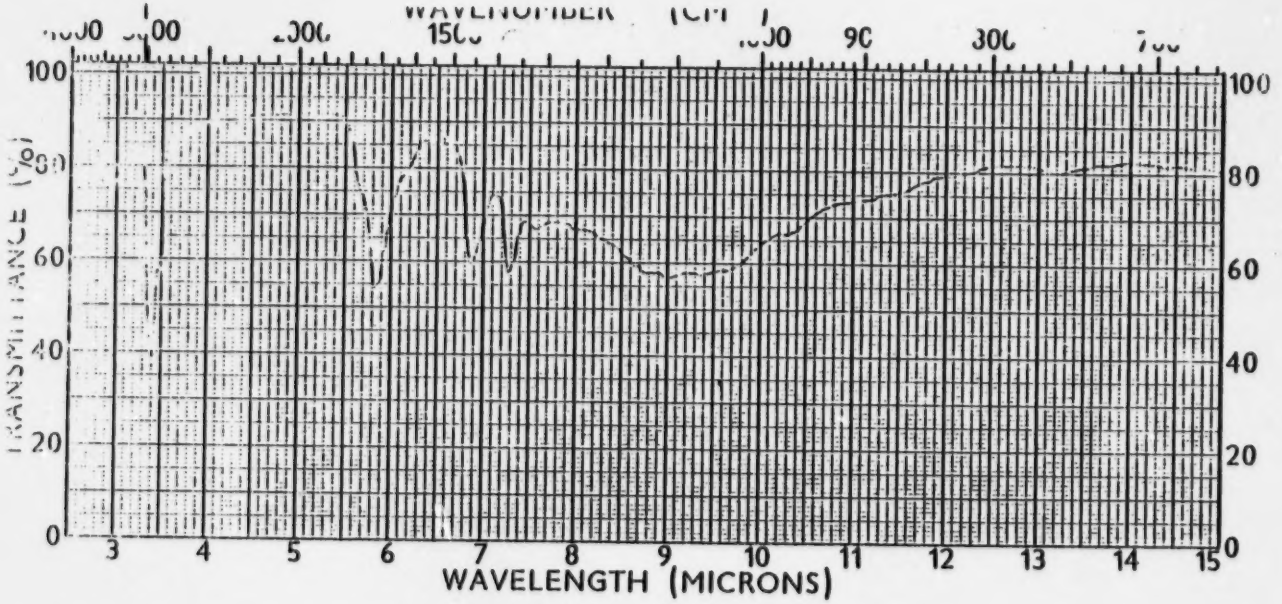
Contract No JF - 2 - 570 - 5
Test sample No 1148
Sample ID No 13.7.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.20		
3.0	M		
3.5	M		
4.25	W		
5.9	S		
6.2	M		
6.4	M		
6.5	M		
6.7	M		
6.9	S		
7.3	M		
7.95	S		
8.3	M		
8.85	S		
9.8	M		
11.6	W		
12.5	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	57	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1148	CONC.	REMARKS
IG FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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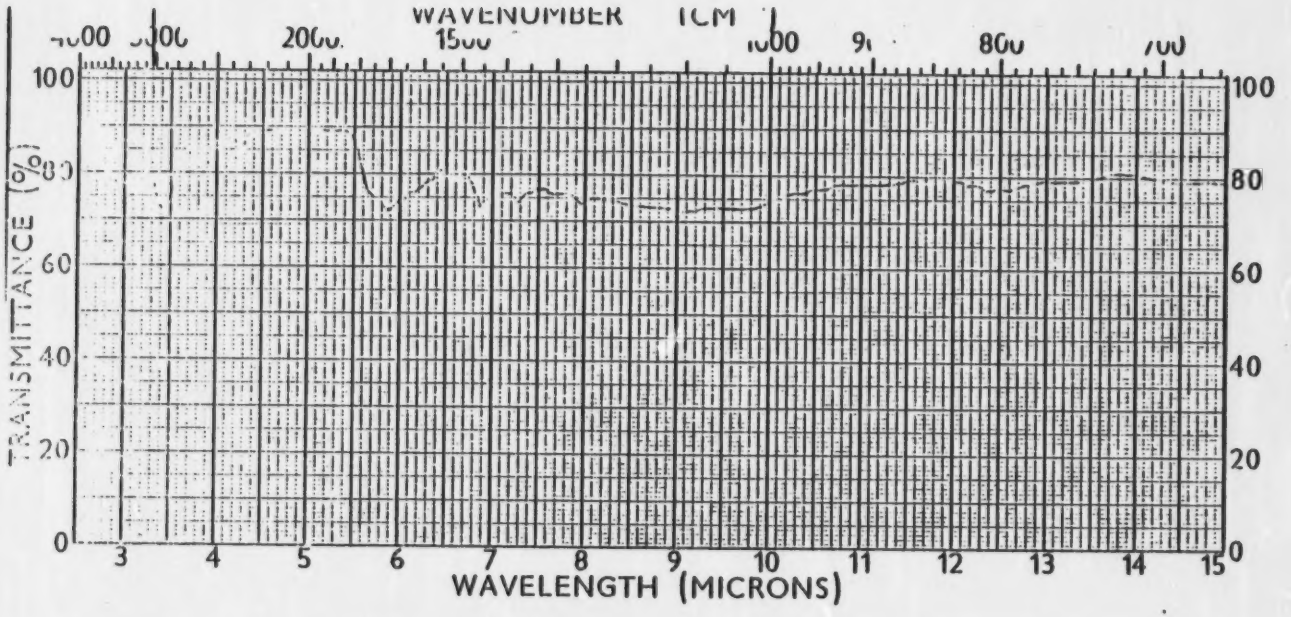
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1148-I
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.36		
2.9	W		
3.5	M		
4.3	W		
5.85	M		
6.05	W		
6.4	W		
6.5	W		
6.9	M		
7.3	M		
7.55	M		
9.0	M		
10.3	W		
13.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	58	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1148	CONC.	REMARKS
I.C FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1148-II
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.09		
3.0	M		
3.5	S		
4.25	W		
5.9	S		
6.4	M		
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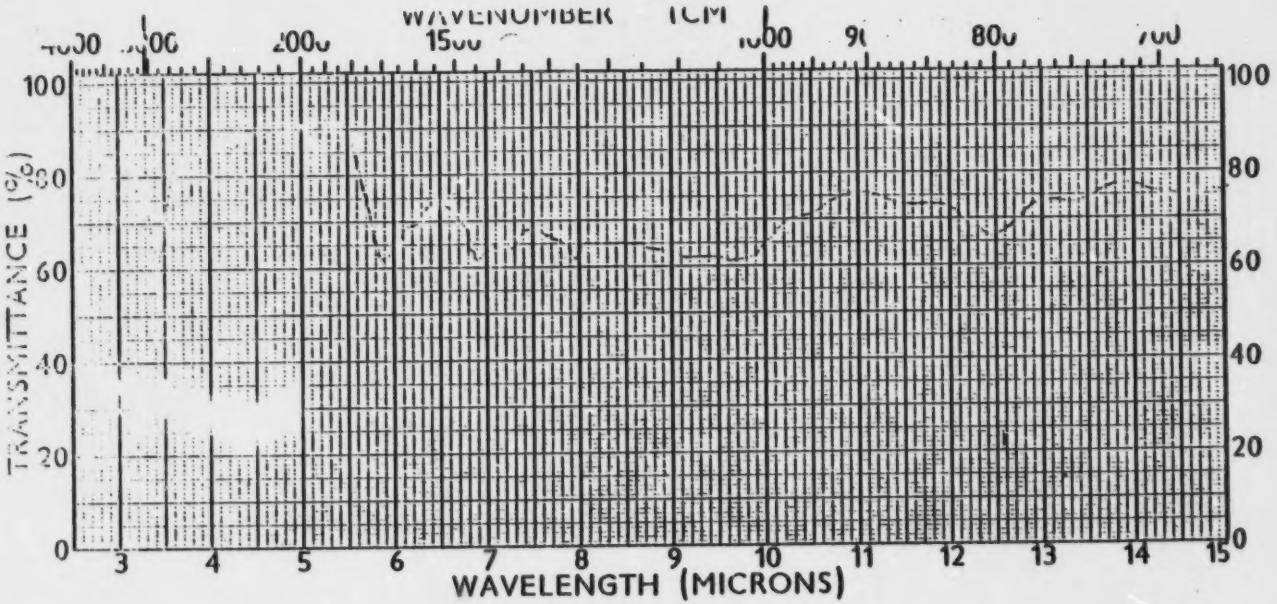
6.85	S		
7.3	S		
7.95	S		
12.5	S		



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SAMPLE	59	SOLVENT	OPERATOR n.j.	DATE VI.1980
TEST No.	1148	CONC.	REMARKS	
LC FRACTION	III	CELL PATH		
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW		
ORIGIN	I.N.E.P.			

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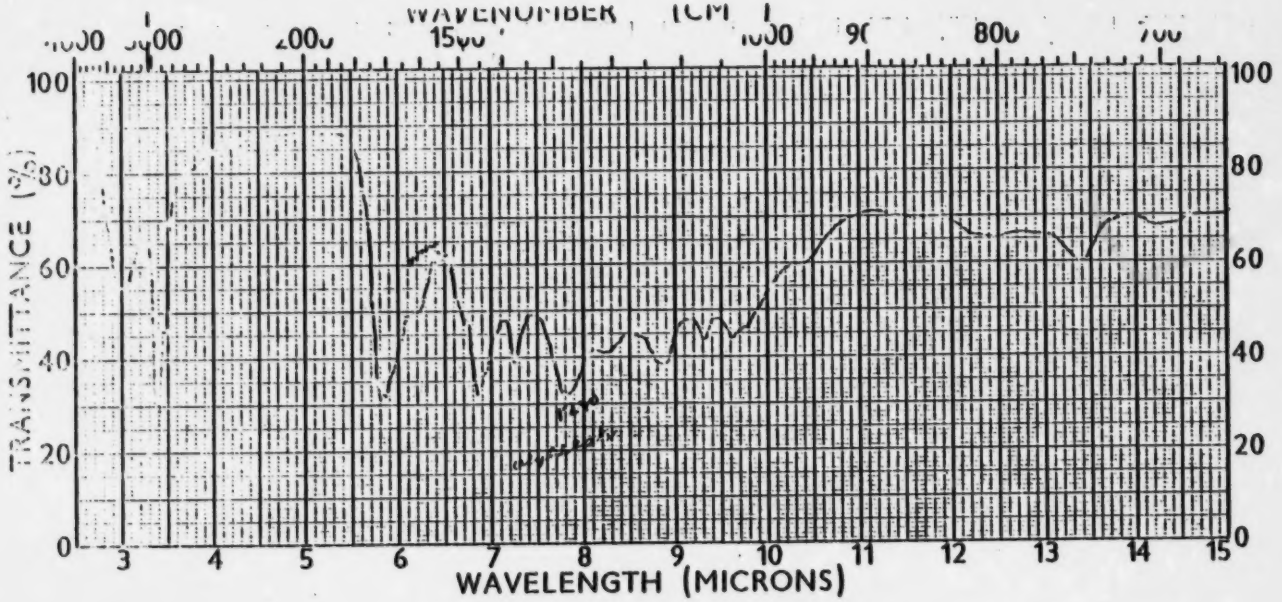
IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1148-III
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.16		
3.0	M		
3.5	S		
4.25	W		
5.9	S		
6.05	S		
6.4	M		
6.9	S		
7.3	S		
7.95	S		
9.8	S		
12.5	S		
13.3	M		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	60	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1148	CONC.	REMARKS
TC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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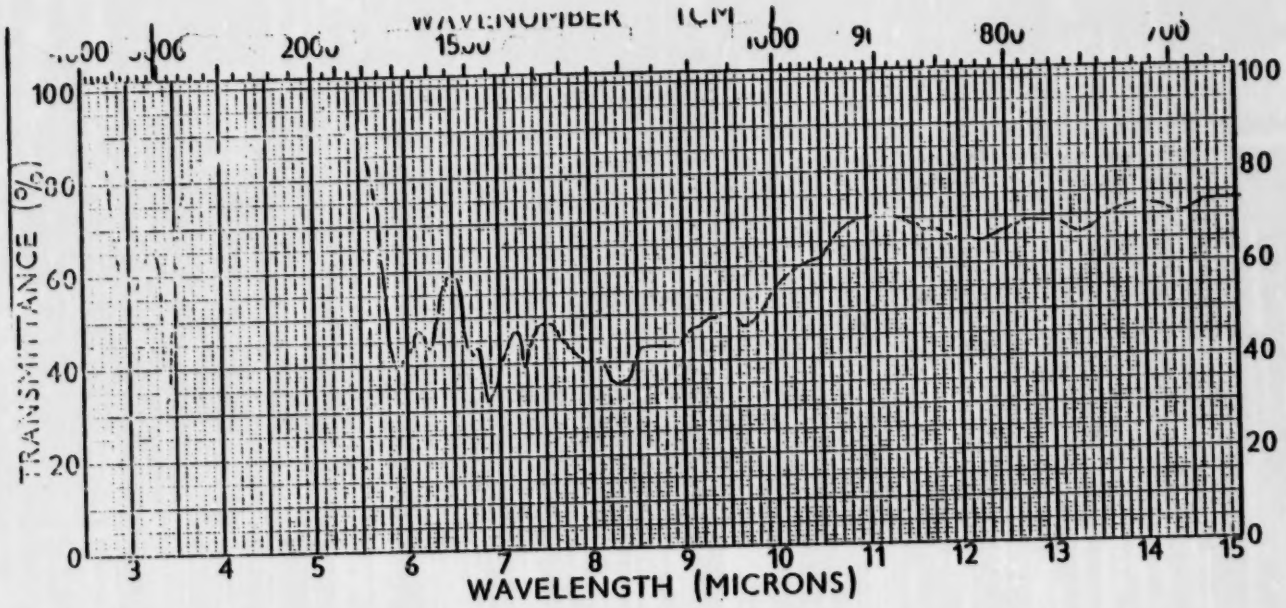
Contract No JF - 2 - 570 - 5
Test sample No 1148-IV
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.48		
3.0	M		
3.5	M		
4.25	W		
5.8	S		
6.2	M		
6.4	M		
6.5	M		
6.7	M		
6.85	S		
7.25	S		
7.75	S		
7.85	S		
8.25	S		
8.9	S		
9.3	M		
9.6	M		
10.4	M		
12.3	W		
13.4	M		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	61	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1148	CONC.	REMARKS
TC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.U.E.P.			

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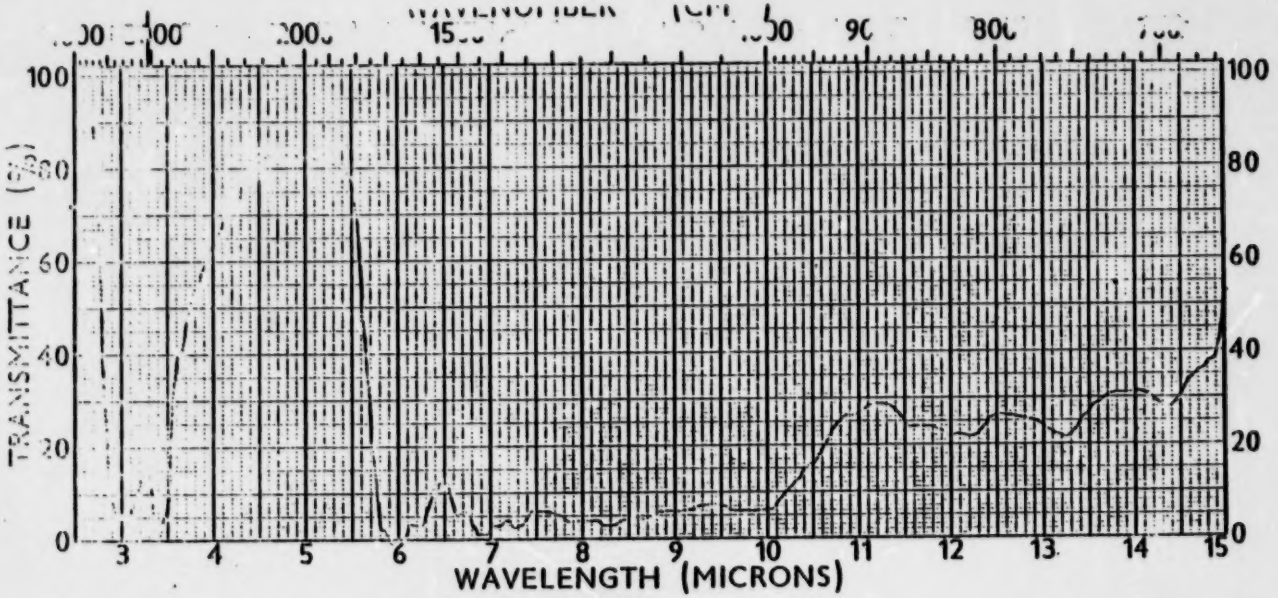
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1148-V
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comment
6.9	0.44		
3.0	M		
3.4	S		
3.5	M		
4.25	W		
5.9	S		
6.25	S		
6.4	M		
6.5	M		
6.7	S		
7.3	S		
7.95	S		
8.3	S		
9.65	M		
10.5	M		
12.2	M		
13.3	M		
14.4	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	62	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1148	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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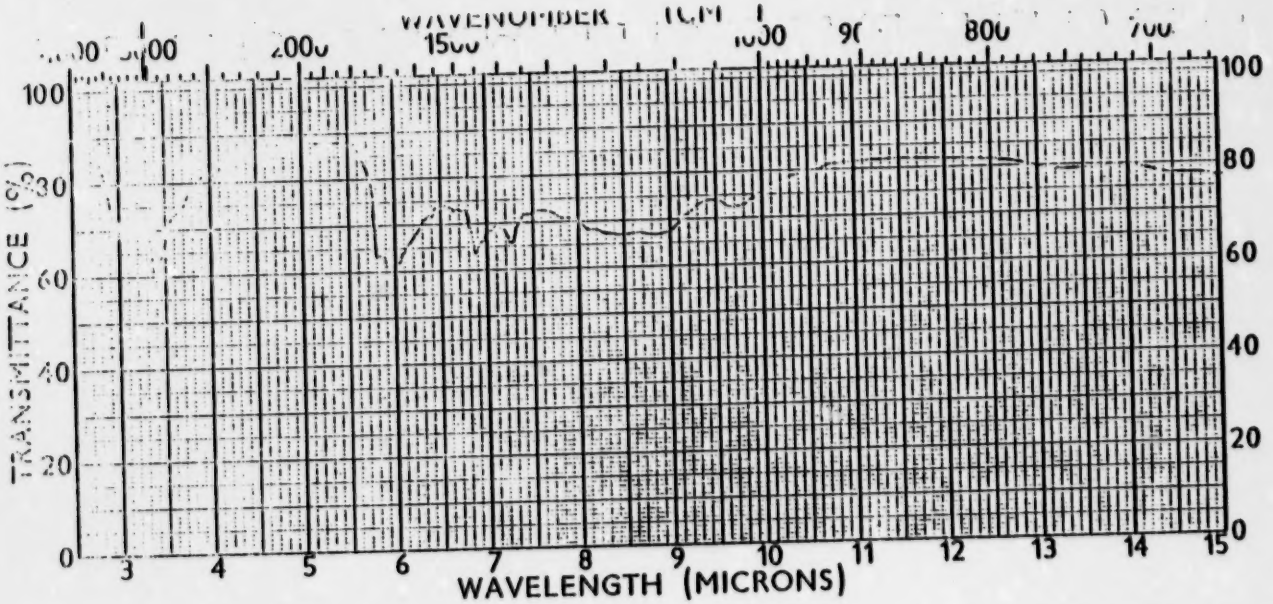
IZVESTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1148-VI
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comment
Kontinualna široka traka izmedju 7 i 10 (Continuous wide band between 7 and 10)			



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	63	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1148	CONC.	REMARKS
IG FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.E.P.		

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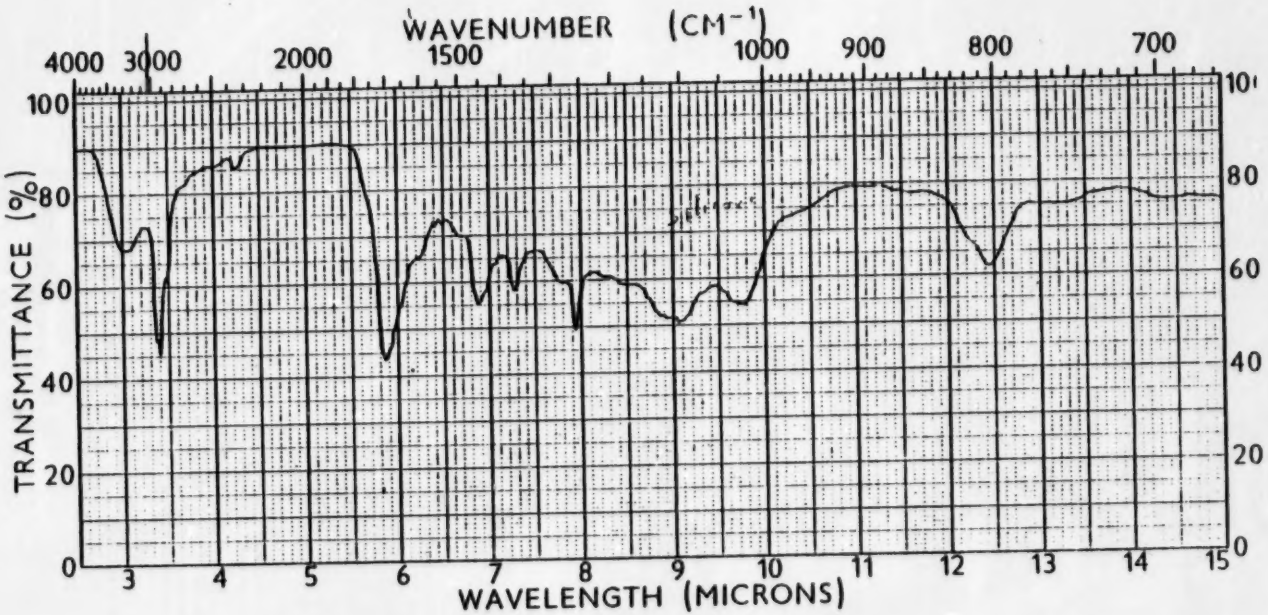
IR ANALUSIS REPORT

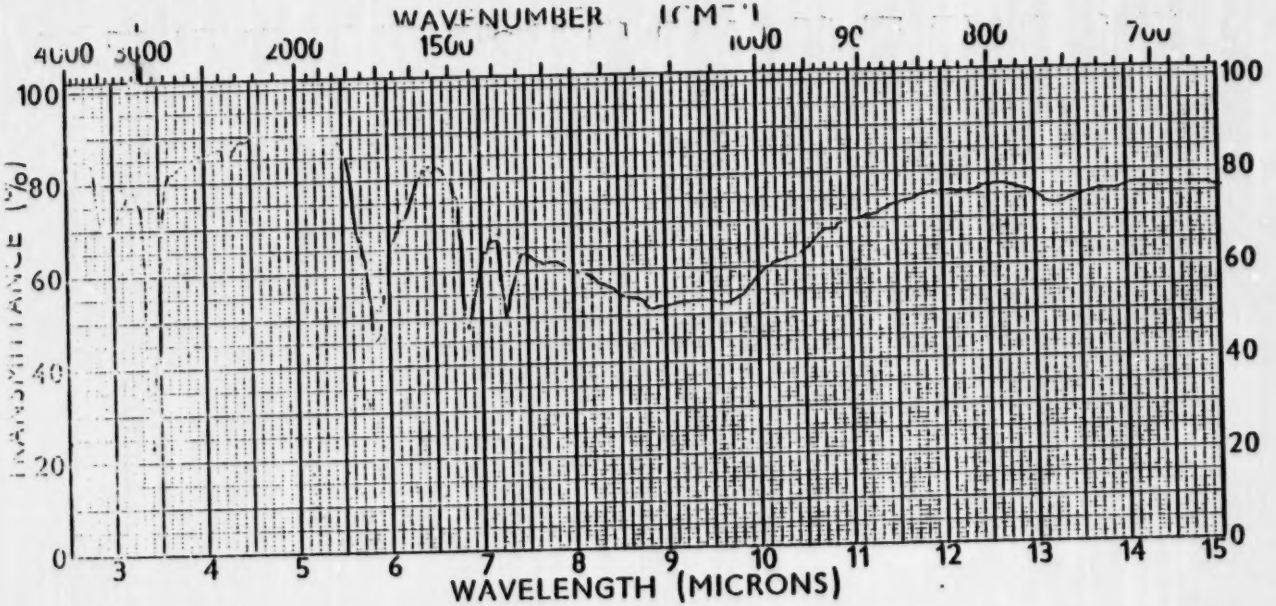
Contract No JF - 2 - 570 - 5
Test sample No 1148-VII
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.16		
3.1	M		
3.7	M		
4.05	W		
4.25	W		
5.8	S		
5.9	S		
6.4	M		
6.5	M		
6.85	S		
7.25	S		
9.7	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	10	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1149	CONC.	REMARKS
SAMPLE I.D.No.	13.3	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

NO.



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	71	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1149	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			NO.

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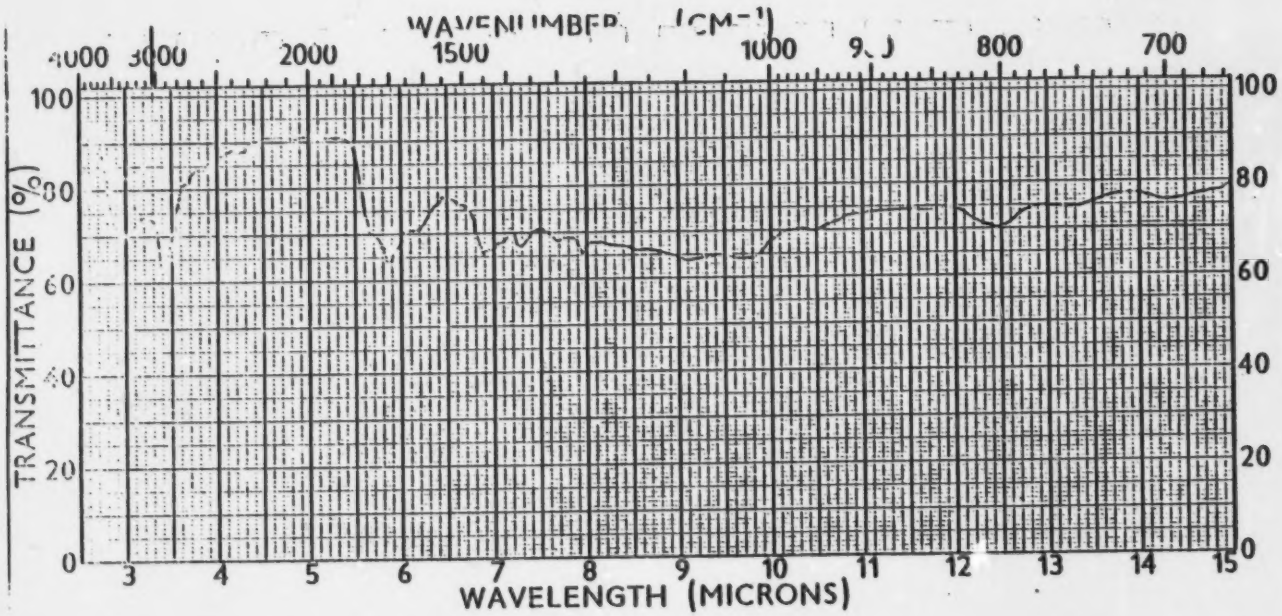
Contract No JF - 2 - 570 - 5
Test sample No 1149-I
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.59		
2.95	W		
3.5	M		
4.25	W		
5.85	M		
6.15	W		
6.4	W		
6.5	W		
6.65	W		
6.85	M		
7.05	W		
7.25	M		
7.65	W		
8.8	M		
9.65	M		
13.2	W		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED 8	SLIT N
SAMPLE	72	SOLVENT	OPERATOR D.J.	DATE VI.1980
TEST No.	1149	CONC.	REMARKS	
LC FRACTION	II	CELL PATH		
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW		
ORIGIN	I.H.E.P.			NO.

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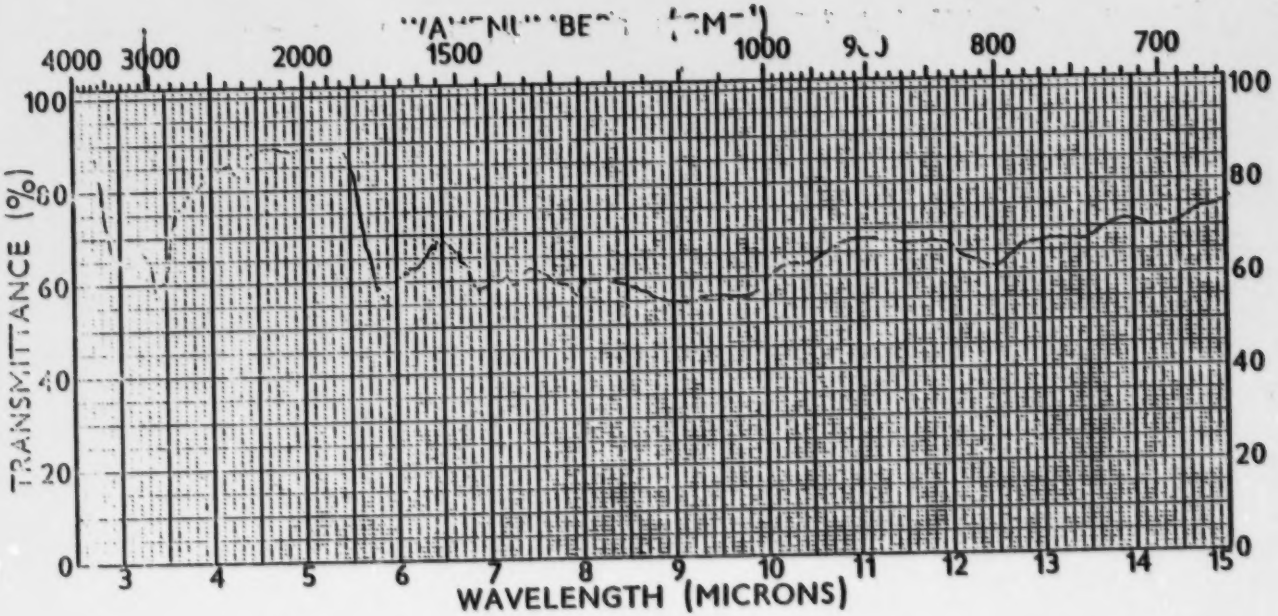
Contract No JF - 2 - 570 - 5
Test sample No 1149-II
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.16		
3.0	M		
3.5	S		
4.25	W		
5.7	S		
5.85	S		
6.2	S		
6.4	M		
6.5	M		
6.9	S		
7.3	S		
7.7	S		
7.95	S		
9.1	S		
9.7	S		
10.45	S		
12.5	S		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	73	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1149	CONC.	REMARKS
IC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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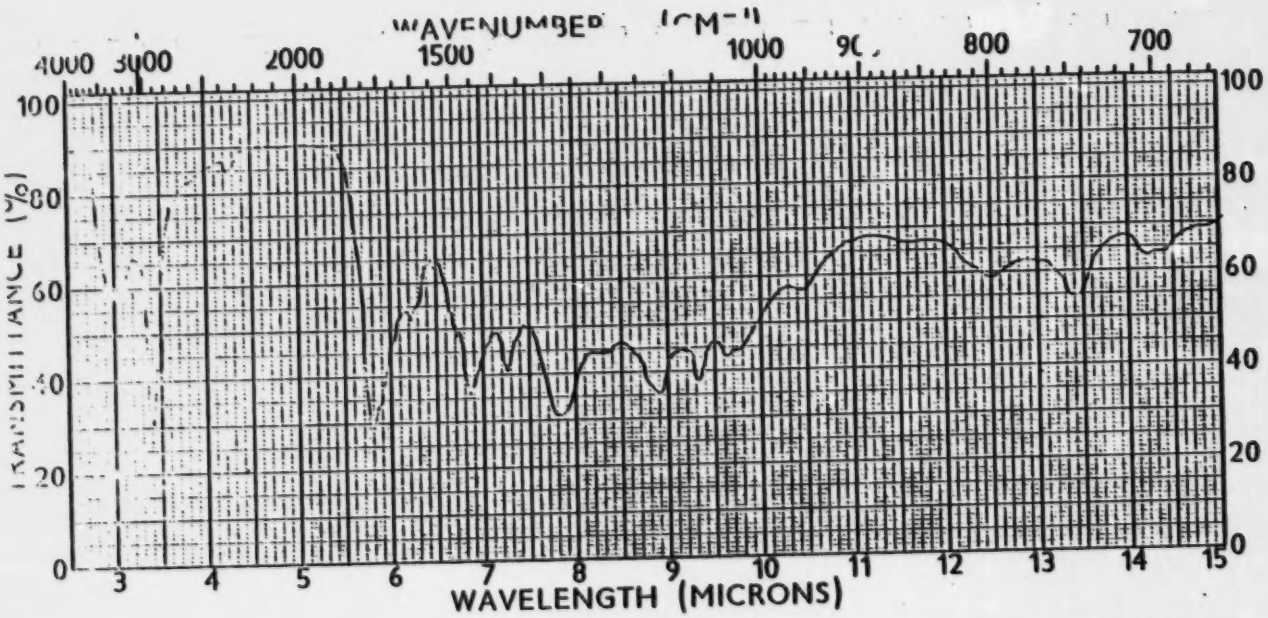
Contract No JF - 2 - 570 - 5
Test Sample No 1149-III
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
9.1	0.21		
3.05	M		
3.4	S		
3.5	S		
3.7	M		
4.25	W		
5.85	S		
6.05	S		
6.4	M		
6.5	M		
6.7	M		
6.9	S		
7.3	S		
7.95	S		
9.75	S		
10.5	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	74	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1149	CONC.	REMARKS
IC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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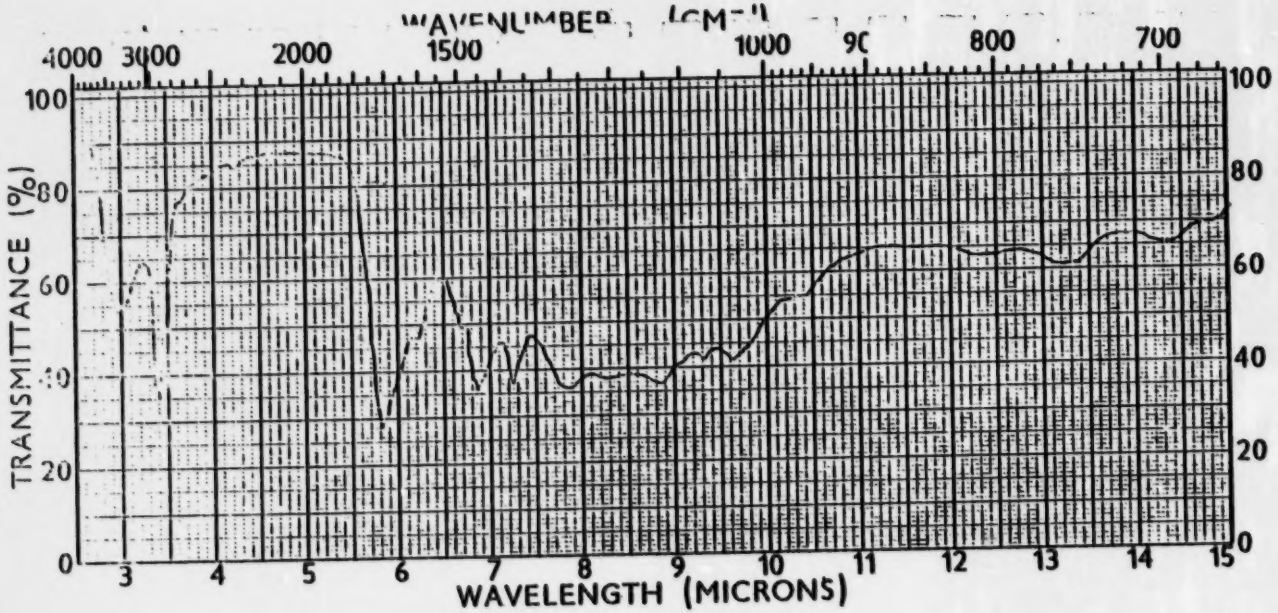
Contract No JF - 2 - 570 - 5
Test sample No 1149-IV
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	0.50		
3.0	M		
3.4	S		
3.5	M		
3.7	W		
4.25	W		
5.9	S		
5.95	S		
6.05	M		
6.25	M		
6.4	M		
6.5	M		
6.7	M		
6.85	S		
6.95	M		
7.3	M		
7.85	S		
8.3	M		
8.9	S		
9.35	S		
9.6	M		
10.5	M		
12.5	M		
13.4	M		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	75		
TEST No.	1149	SOLVENT	OPERATOR D.J. DATE VI.1980
IC FRACTION	V		
SAMPLE I.D. No.	13.3.	CONC.	REMARKS
		CELL PATH	
ORIGIN I.N.E.P.		REFERENCE DIRECT ON WINDOW	

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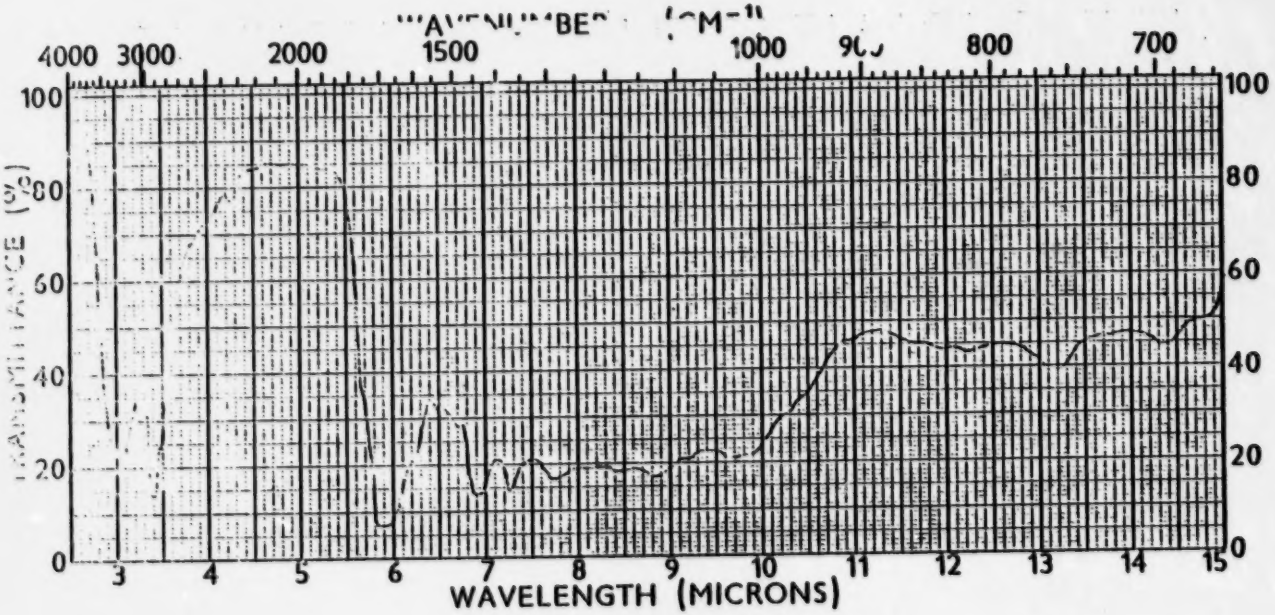
Contract No JF - 2 - 570 - 5
Test sample No 1149-V
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	0.49		
3.0	M		
3.4	S		
3.5	M		
4.25	W		
6.25	M		
6.4	M		
6.5	M		
6.7	M		
6.85	S		
7.25	S		
7.85	S		
8.85	S		
9.3	M		
9.6	M		
10.4	M		
12.35	W		
13.3	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	76	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1149	CONC.	REMARKS
IC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			NO.

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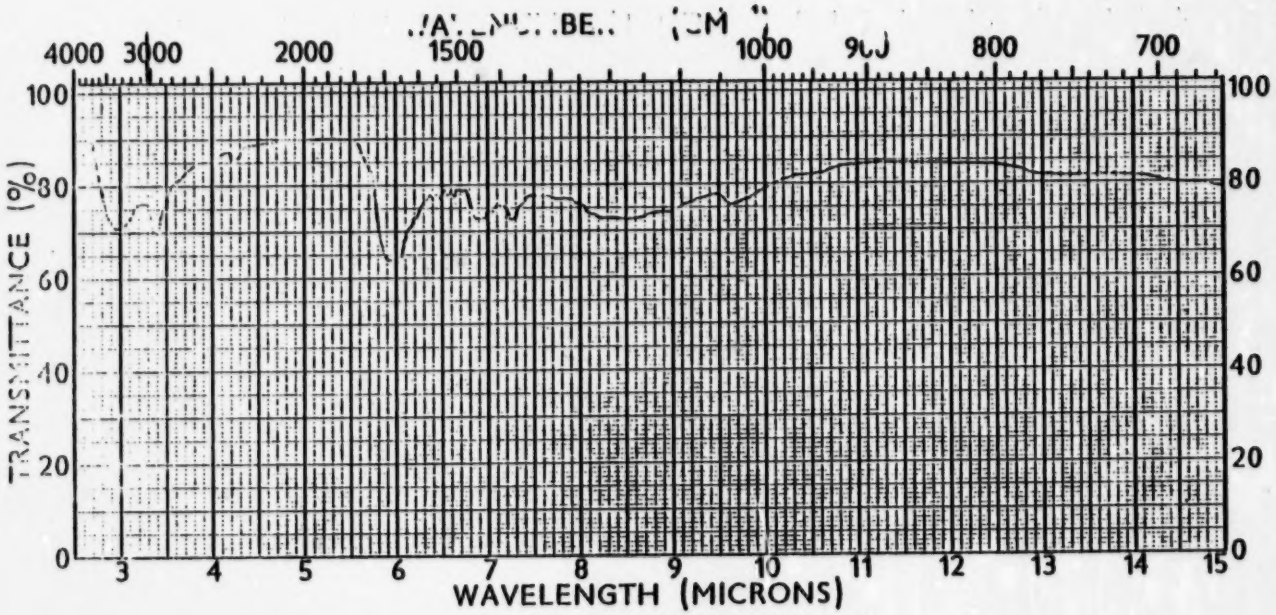
Contract No JF - 2 - 570 - 5
Test sample No 1149-VI
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment
5.9	1.08	
3.0	M	
3.4	S	
3.5	M	
4.25	W	
6.25	M	
6.5	M	
6.7	M	
6.9	S	
7.25	S	
od 7.7. do 10 kontinualna traka		
(continuous band between 7.7 and 10)		
12.25	W	
13.2	M	
14.35	W	



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	77	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1149	CONC.	REMARKS
IC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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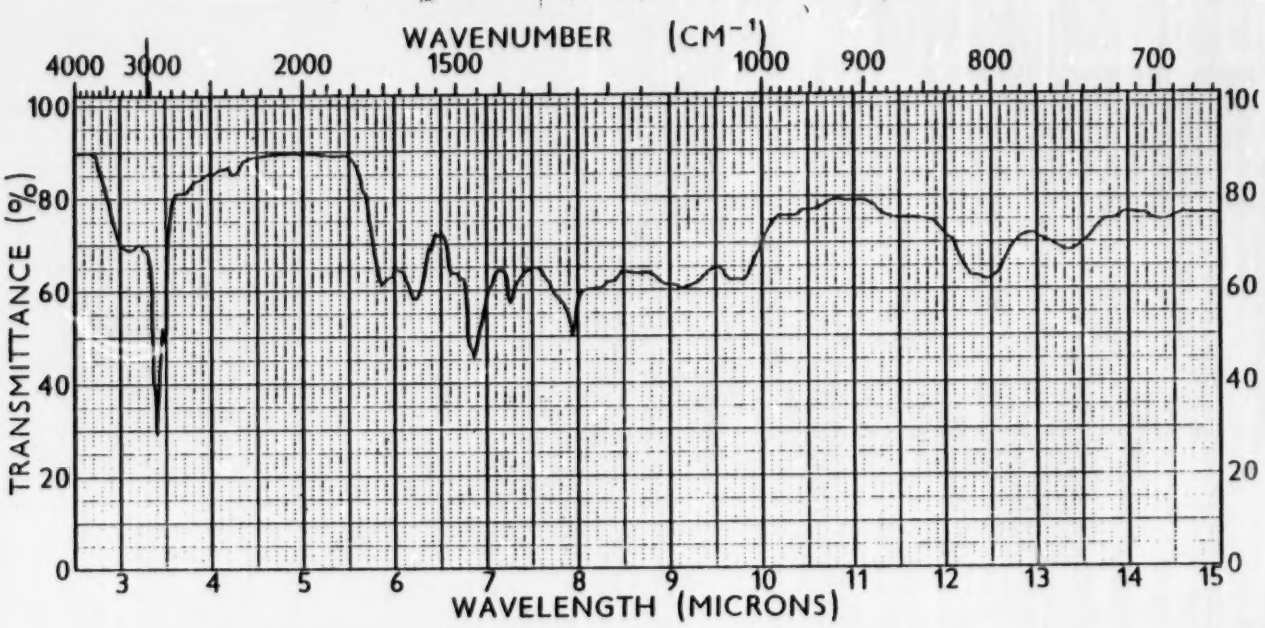
Contract No JF - 2 - 570 - 5
Test sample No ~~1149-VII~~
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.9	0.14		
3.0	S		
3.4	S		
3.5	M		
4.0	W		
4.25	W		
6.4	M		
6.5	M		
6.9	M		
7.3	M		
8.5	M		
9.6	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	11	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
SAMPLE I.D.No.	3.2.H	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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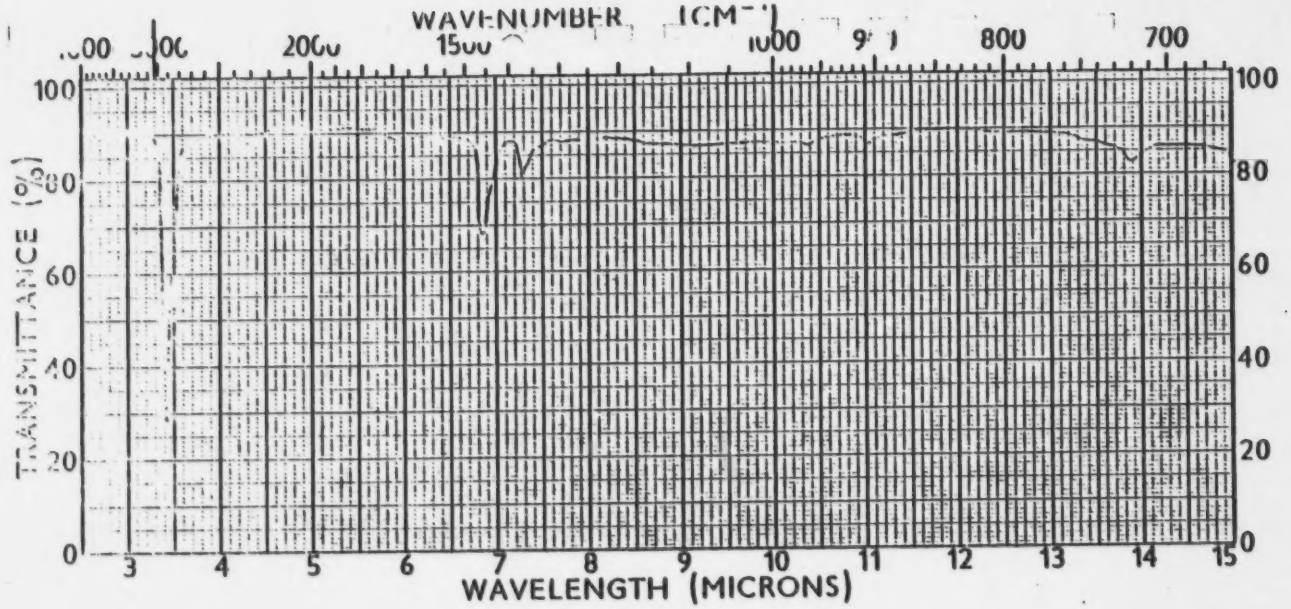
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1203
Sample ID No 3.2.N

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.49		
3.1	W		
3.5	M		
3.7	W		
4.25	W		
5.9	M		
6.2	M		
6.4	W		
6.5	W		
6.6	M		
6.85	M		
7.25	M		
7.9	M		
9.1	M		
9.75	M		
11.5	W		
12.5	M		
13.3	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	8	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
[illegible] FRACTION	I	CELL PATH	
SAMPLE I.D. No.	3.2.H.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.E.P.		

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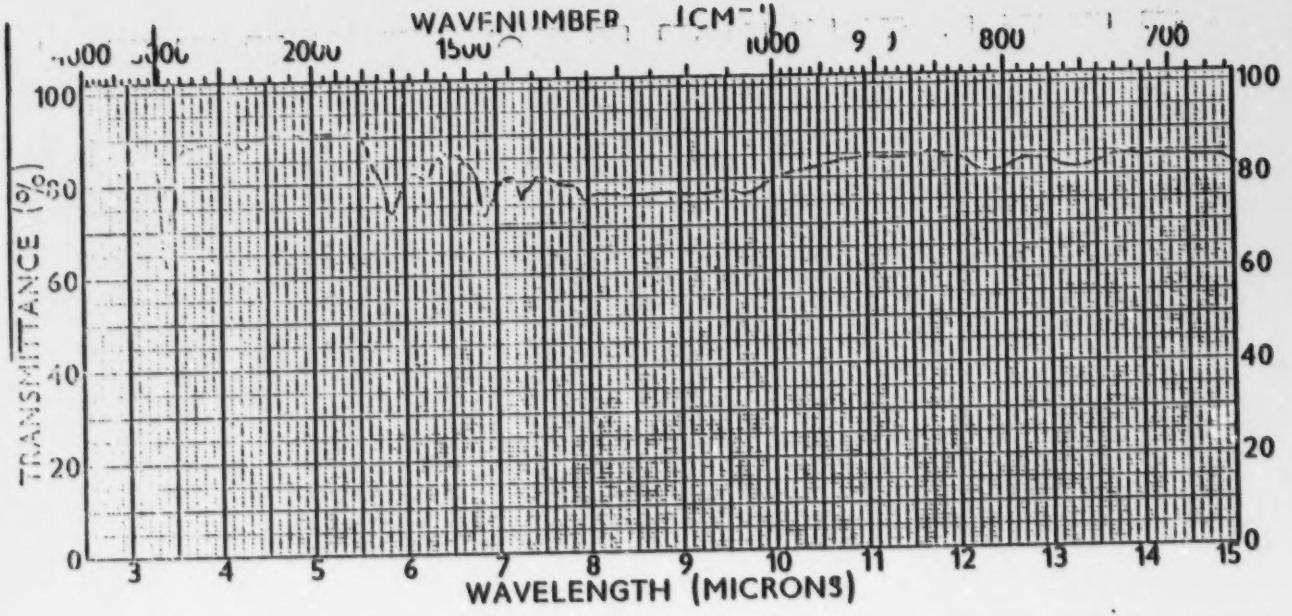
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1203-I
Sample ID No 3.2 N

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.49		
3.5	M		
4.25	W		
6.85	W		
7.3	W		
10.4	W		
11	W		
13.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	9	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
IC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	3.2.N.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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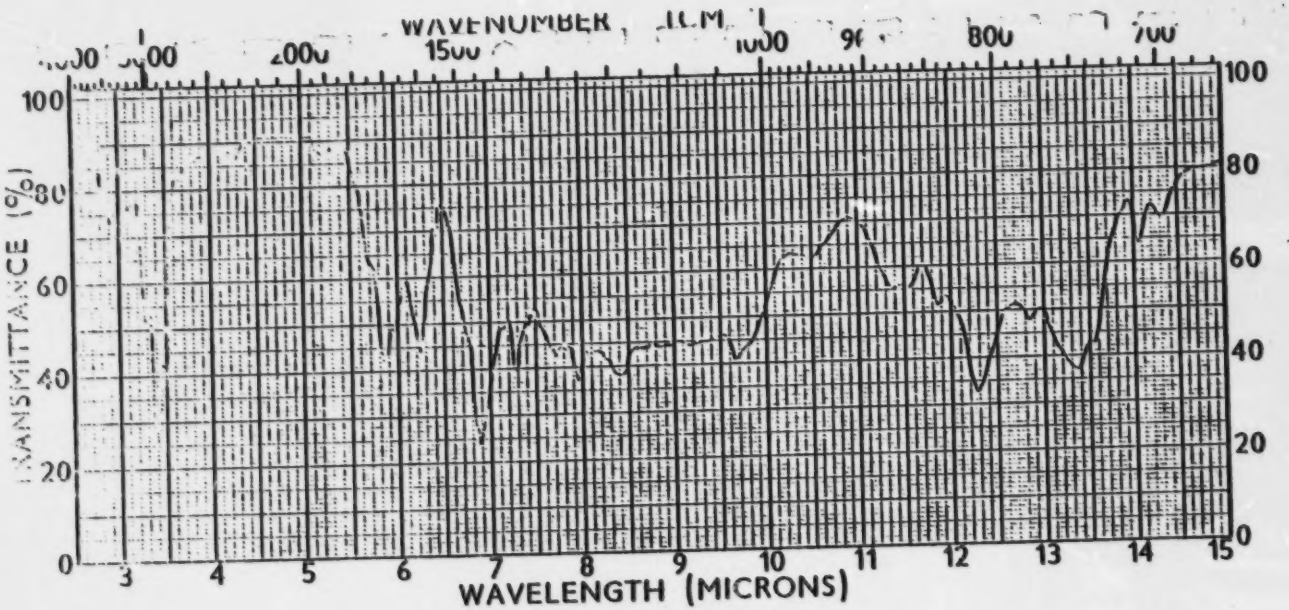
Contract No JF - 2 - 570 - 5
Test sample No 1203-II
Sample ID No 3.2 M

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.16		
2.9	W		
3.5	M		
4.25	W		
5.85	M		
6.2	M		
6.9	M		
7.3	M		
7.9	M		
9.7	M		
12.2	M		
13.3	W		



CONTRACT	JP-2-570.5	PHASE	SCAN SPEED S SLIT M
SAMPLE	10	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
VC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	3.2.H.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.E.P.		

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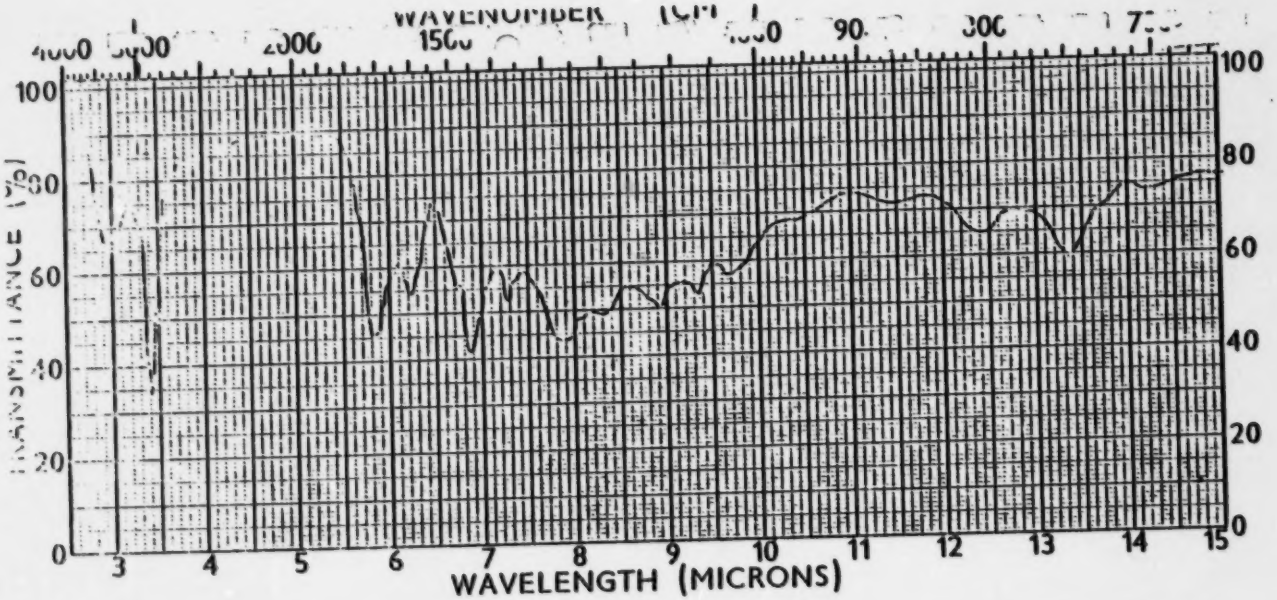
Contract No JF - 2 - 570 - 5
Test sample No 1203-III
Sample ID No 3.2 M

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.57		
2.9	W		
3.3	M		
3.5	M		
4.25	W		
5.2	W		
5.85	M		
6.0	M		
6.25	M		
6.4	W		
6.9	S		
7.3	M		
7.7	M		
7.9	M		
8.1	M		
8.4	M		
9.7	M		
10.5	W		
11.4	M		
11.6	M		
11.9	M		
12.3	S		
12.9	M		
13.3	M		
14.0	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	11	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	3.2.H.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

NO.

PART NO. 137E - 1261

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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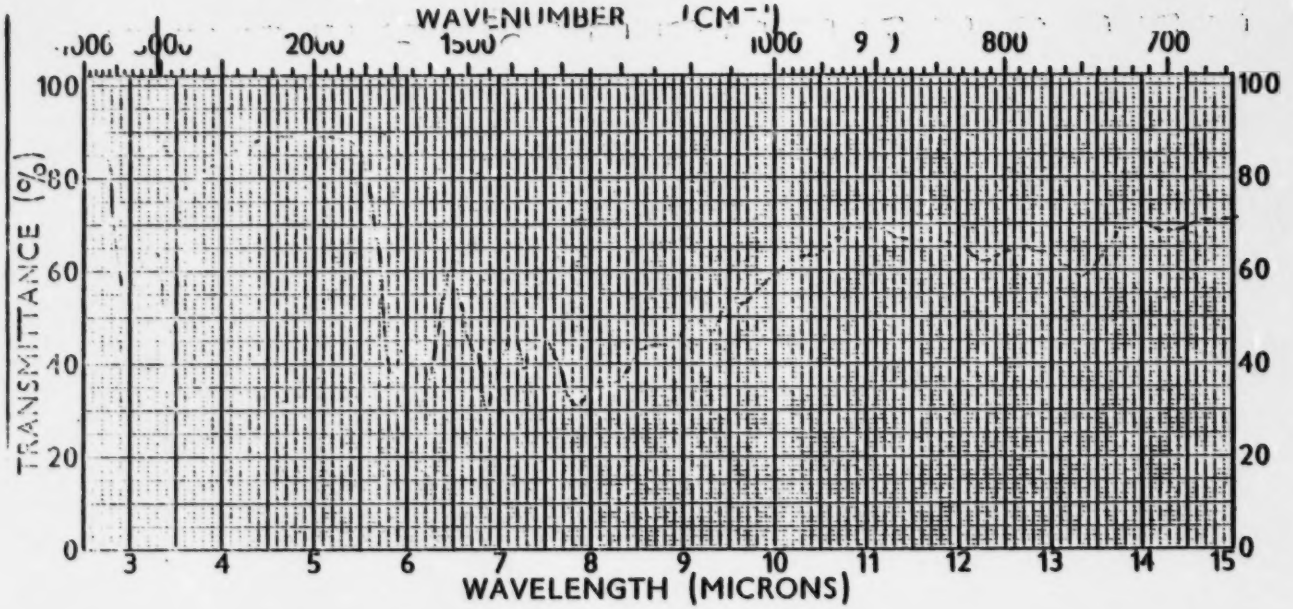
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1203-IV
Sample ID No 3.2 M

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.42		
2.9	M		
3.5	M		
4.2	W		
5.8	S		
6.05	M		
6.2	M		
6.7	M		
6.9	S		
7.3	M		
7.8	S		
8.3	M		
8.9	M		
9.3	M		
9.7	M		
11.4	W		
12.4	M		
13.3	M		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED A SLIT M
SAMPLE	12	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	3.2.N.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.E.P.		

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PART NO. 137E - 1281

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IZVEŠTAJ IR ANALIZE
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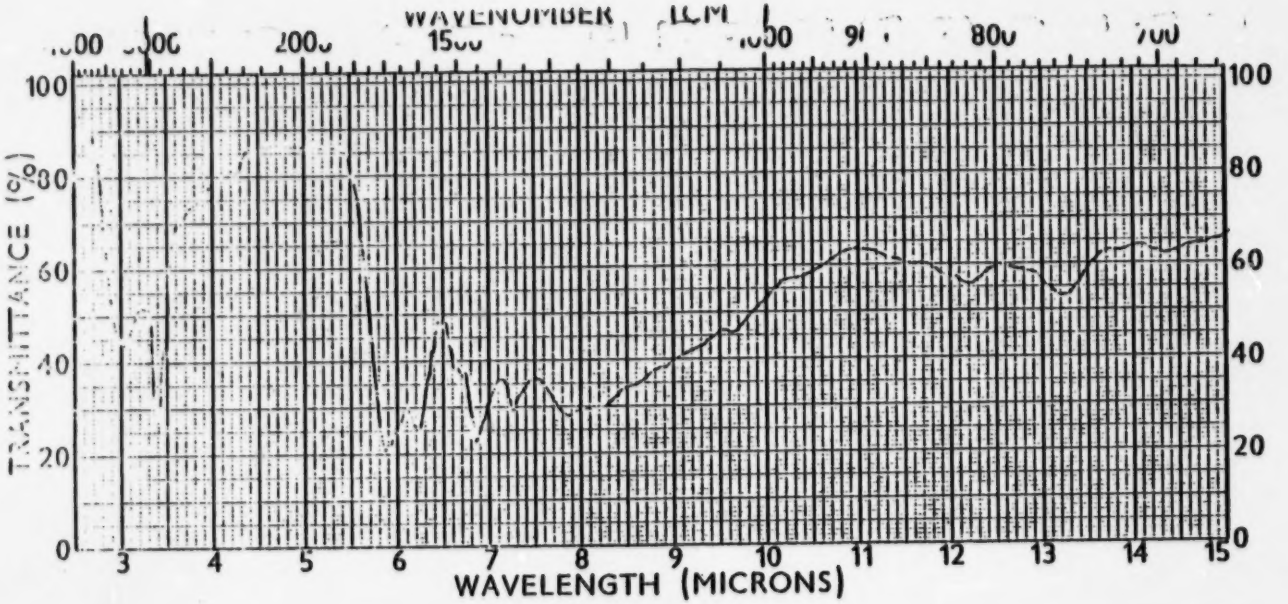
Contract No JF - 2 - 570 - 5
Test sample No 1203-V
Sample ID No 3.2 H

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.5		
2.9	M		
3.5	M		
4.2	W		
5.9	S		
6.2	S		
6.5	M		
6.7	M		
6.9	S		
7.3	S		
7.8	S		
8.2	S		
8.9	M		
9.3	M		
9.6	M		
12.3	W		
13.3	W		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	13	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	3.2.N.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.E.P.		

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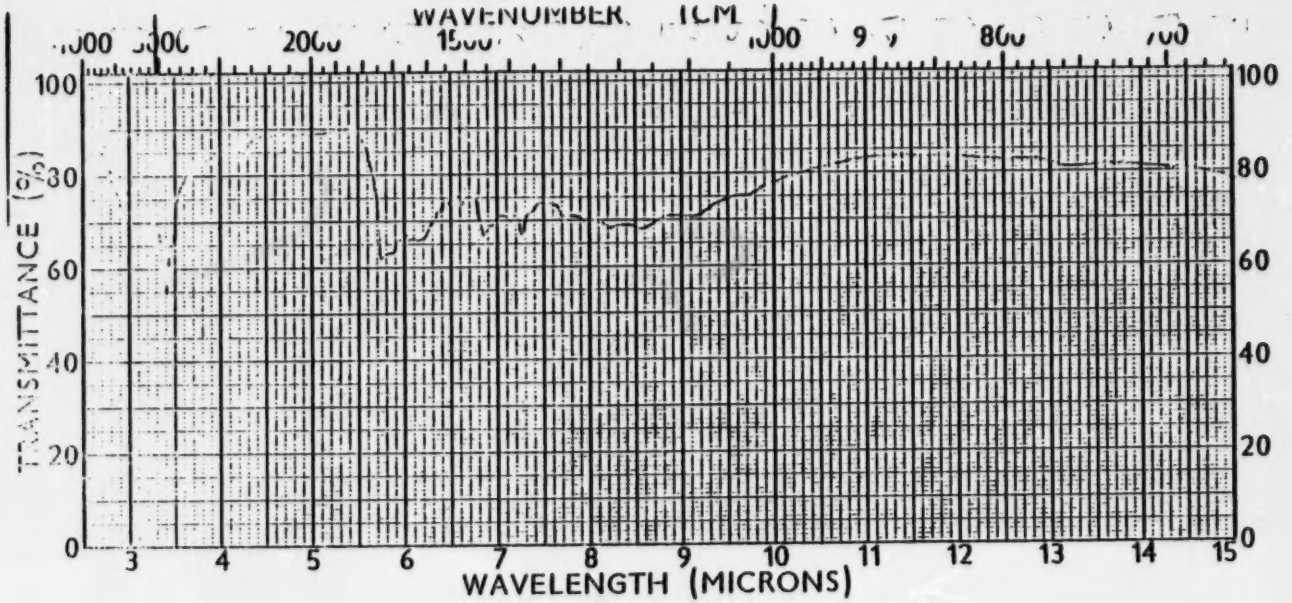
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1203-VI
Sample ID No 3.2 N

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.55		
2.9	M		
3.5	M		
4.2	W		
5.9	S		
6.2	S		
6.5	M		
6.7	S		
6.9	S		
7.3	S		
7.9	S		
9.7	M		
12.2	M		
13.3	M		
14.4	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	14	SOLVENT	OPERATOR N.J. DATE VI.1980
TEST No.	1203	CONC.	REMARKS
IC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	3.2.N.	REFERENCE	DIRECT ON WINDOW
ORIGIN	I.H.E.P.		

NO.

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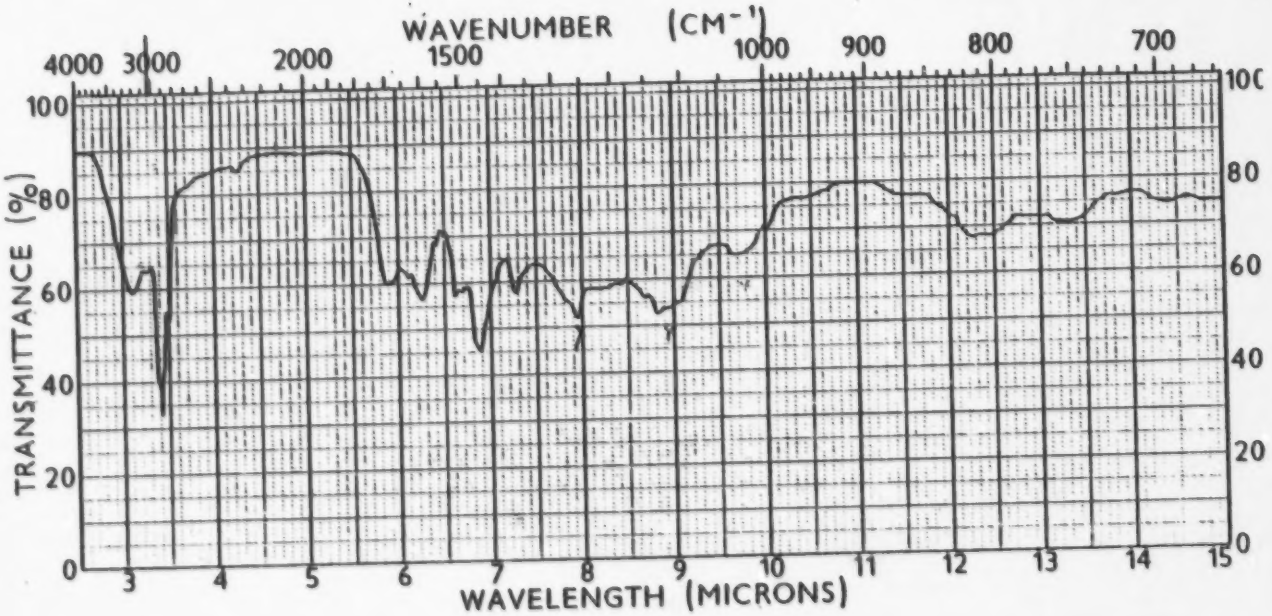
IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1203-VII
Sample ID No 3.2 N

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.21		
2.9	M		
3.5	M		
4.2	W		
5.7	S		
6.0	M		
6.2	M		
6.5	M		
6.6	M		
6.9	M		
7.1	M		
7.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	12	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
SAMPLE I.D.No.	3.3	CELL PATH	
ORIGIN	I.M.E.P.	REFERENCE	DIRECT ON WINDOW

NO

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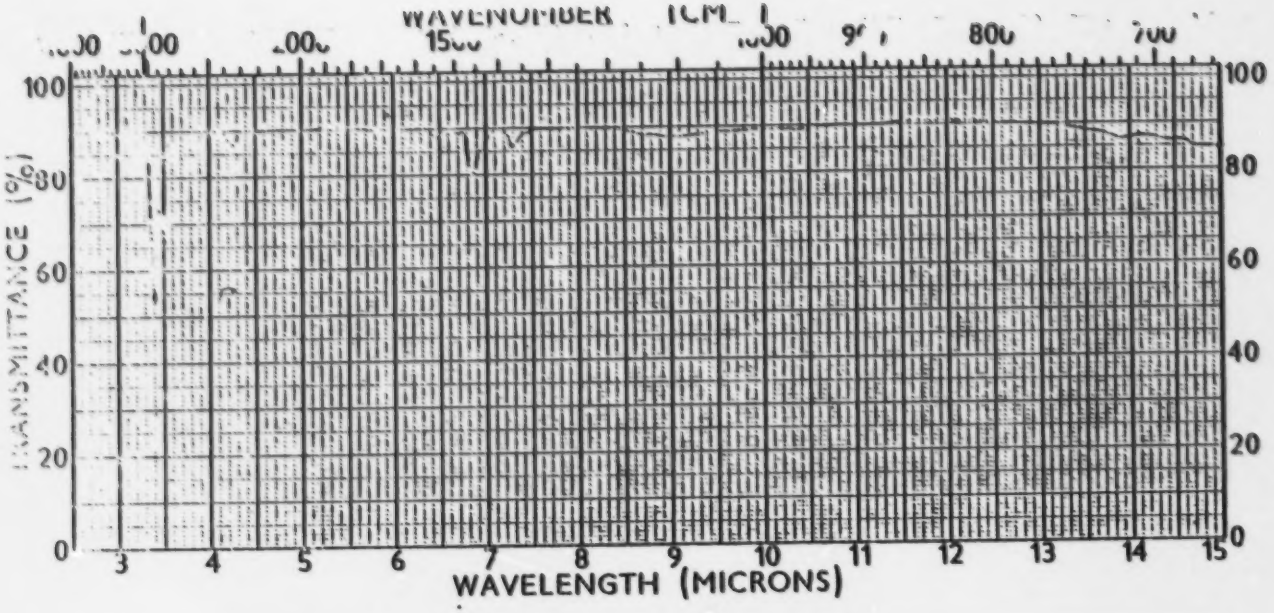
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.44		
3.1	M		
3.5	M		
4.25	W		
5.9	M		
6.1	M		
6.25	M		
6.6	M		
6.9	M		
7.3	M		
7.95	M		
8.7	M		
8.8	M		
9.7	M		
11.5	W		
12.3	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	15	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	3.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.R.E.B.		

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PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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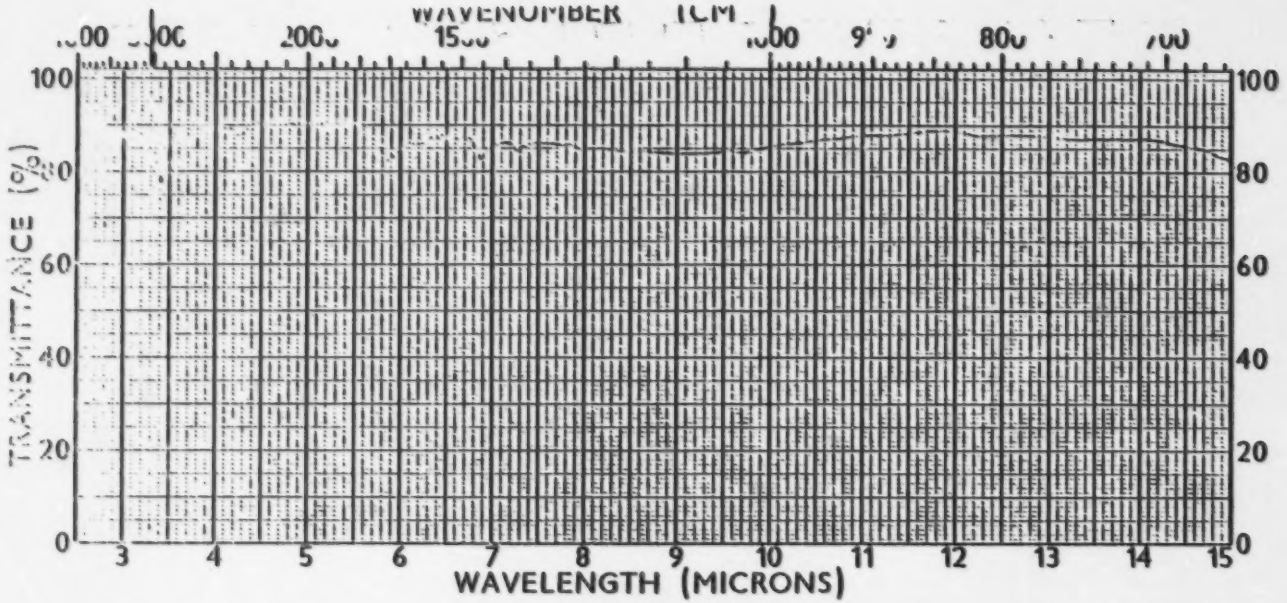
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027-I
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.22		
3.5	M		
4.25	W		
6.4	W		
6.5	W		
6.85	W		
6.95	W		
7.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	16	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
IC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	3.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.3.P.		

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PART NO. 137E - 1201

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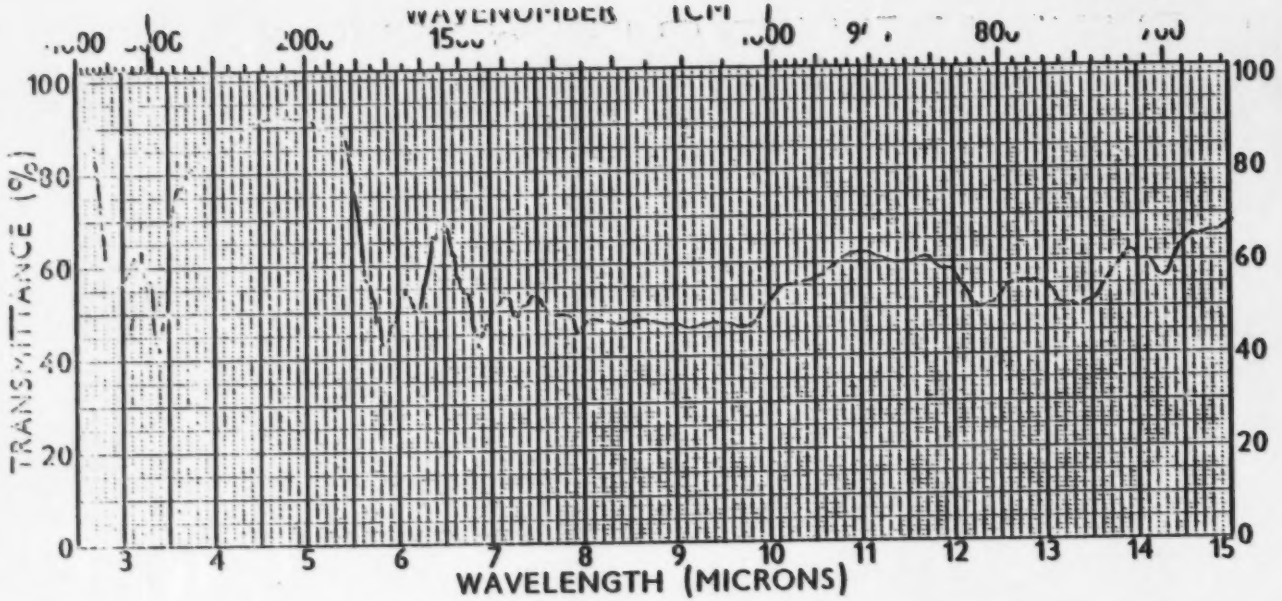
Contract No JF - 2 - 570 - 5
Test sample No 1027-II
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.06		
3.5	M		
4.25	W		
5.85	M		
6.05	M		
6.4	W		
6.5	W		
6.65	W		
6.85	M		
7.05	W		
7.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	17	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
IC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	3.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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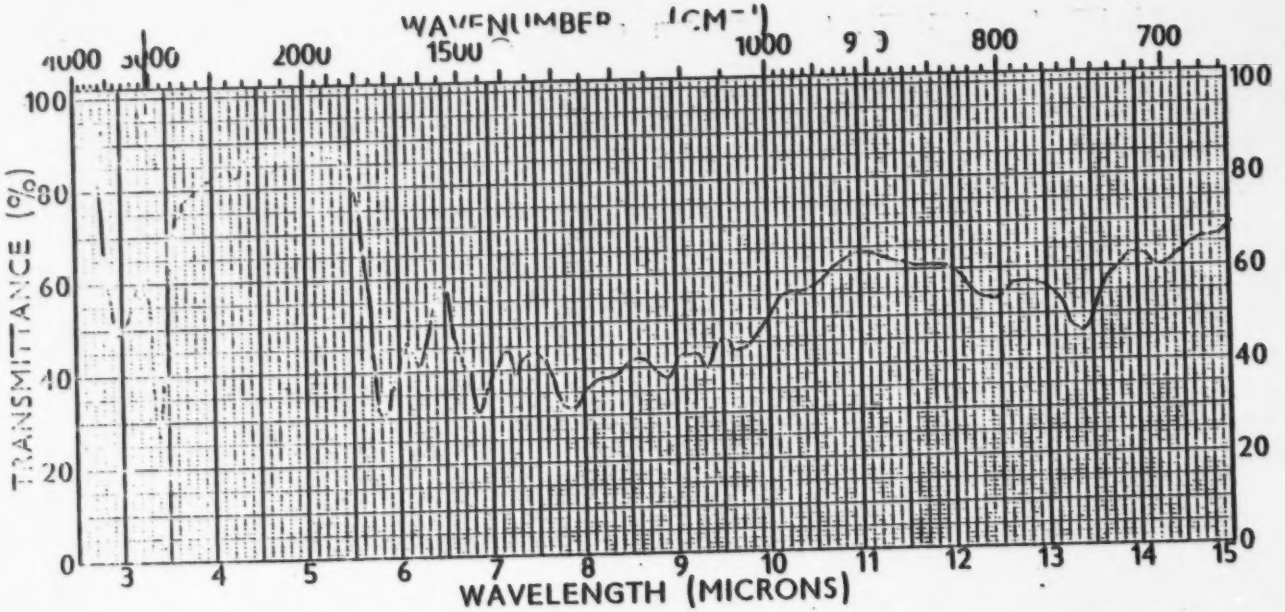
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027-III
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comment
3.4	0.33		
2.95	M		
3.3	M		
3.5	S		
4.2	W		
5.2	W		
5.8	S		
6.1	S		
6.2	S		
6.4	M		
6.5	M		
6.9	S		
7.3	S		
7.9	S		
9.8	S		
11.4	M		
12.3	S		
13.4	S		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT M
SAMPLE	18	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
IC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	3.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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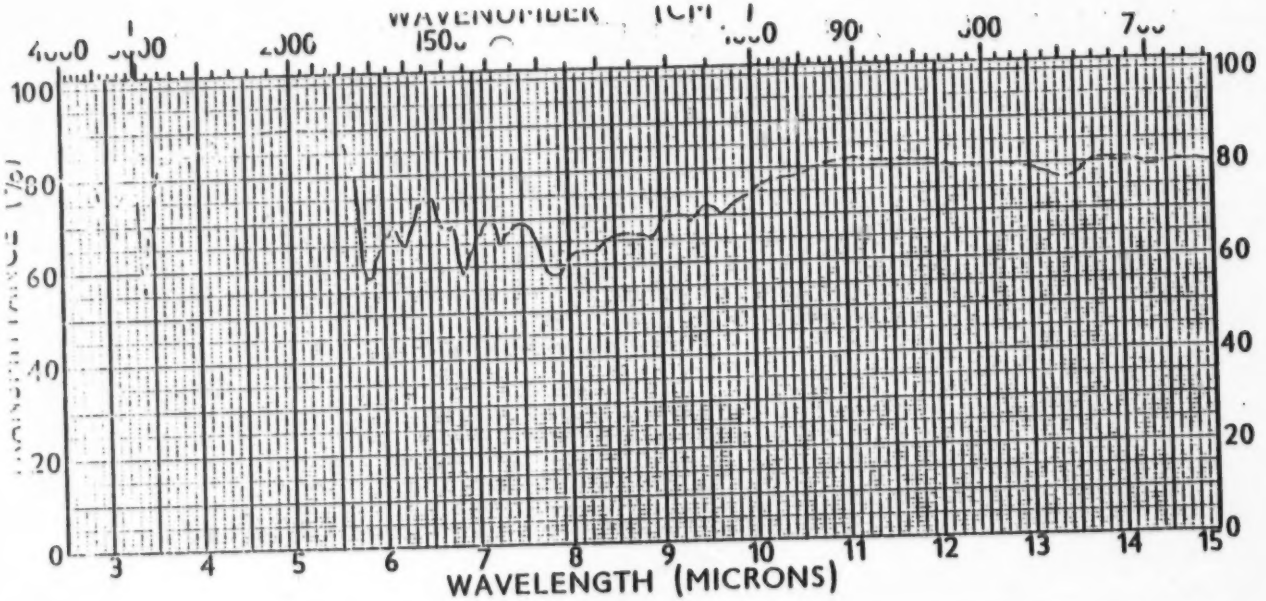
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027-IV
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Comments
3.4	0.52		
2.9	M		
3.5	S		
3.6	W		
4.2	W		
5.8	S		
6.0	M		
6.2	M		
6.4	M		
6.6	M		
6.7	M		
6.9	S		
7.2	S		
7.9	S		
8.3	S		
8.9	S		
9.3	M		
9.6	M		
10.4	M		
12.4	M		
13.4	M		
14.2	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	19	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	3.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.U.E.P.			

PART NO. 137E - 1201

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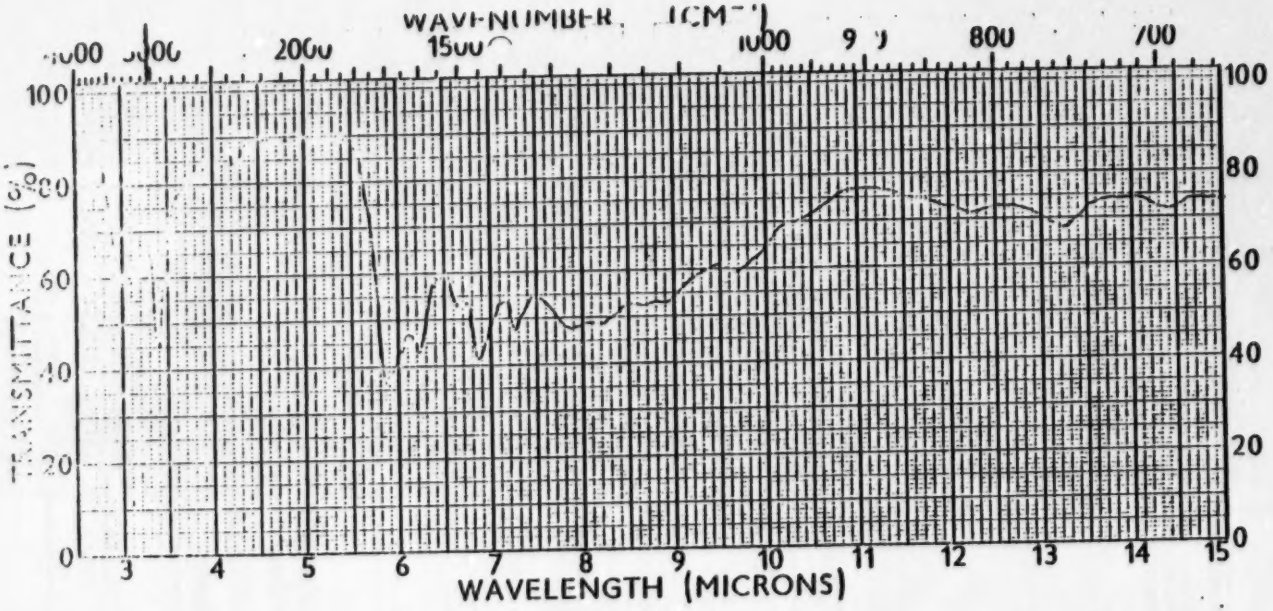
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027-V
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.2		
2.9	M		
3.5	M		
3.7	W		
4.2	W		
5.8	S		
6.0	M		
6.2	S		
6.4	M		
6.6	M		
6.9	S		
7.1	M		
7.3	S		
7.9	S		
8.9	S		
9.3	M		
9.6	M		
12.3	W		
13.4	M		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	20	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	3.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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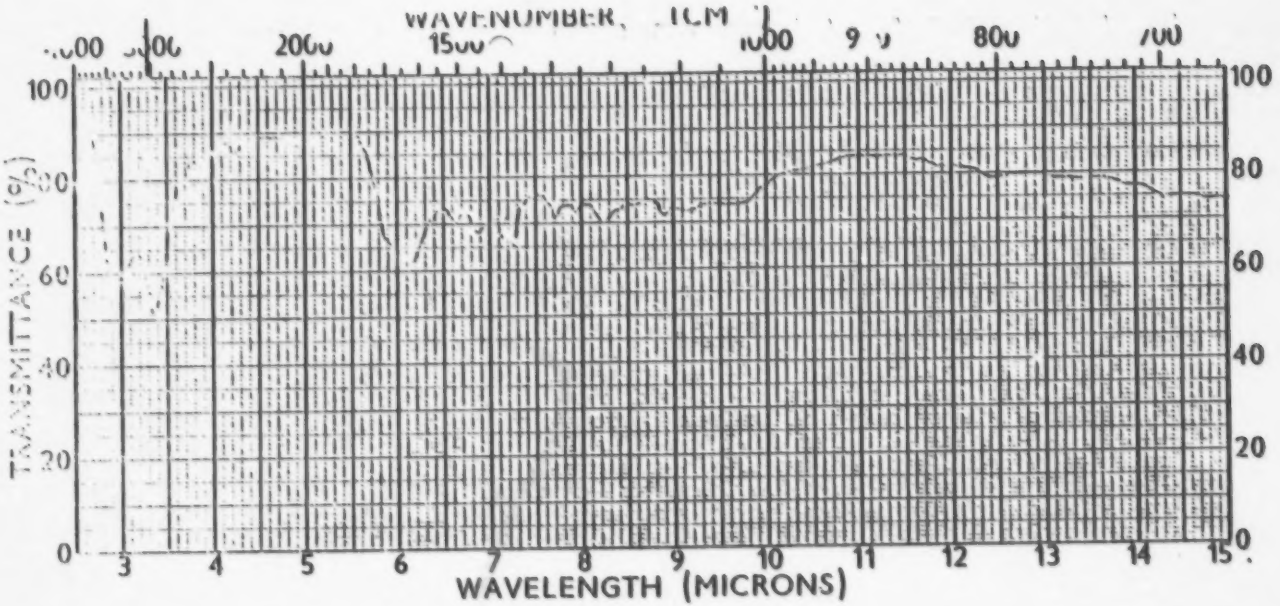
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027-VI
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.3		
2.9	M		
3.5	M		
4.2	W		
5.9	S		
6.0	S		
6.2	S		
6.4	M		
6.5	M		
6.7	S		
6.9	S		
7.2	S		
7.9	S		
8.2	S		
8.9	S		
9.7	M		
12.2	M		
13.2	M		
14.4	M		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED R SLIT M
SAMPLE	21	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1027	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	3.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			NO.

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027-VII
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.25		
2.9	S		
3.3	S		
3.5	S		
3.6	M		
3.7	W		
3.9	W		
4.0	W		
4.2	W		
4.9	W		
5.9	M		
6.1	M		
6.4	M		
6.5	M		
6.6	M		
6.9	M		
7.1	M		
7.3	M		
7.5	M		
7.7	M		
7.9	M		
8.2	M		
8.9	M		
9.1	M		
9.7	M		

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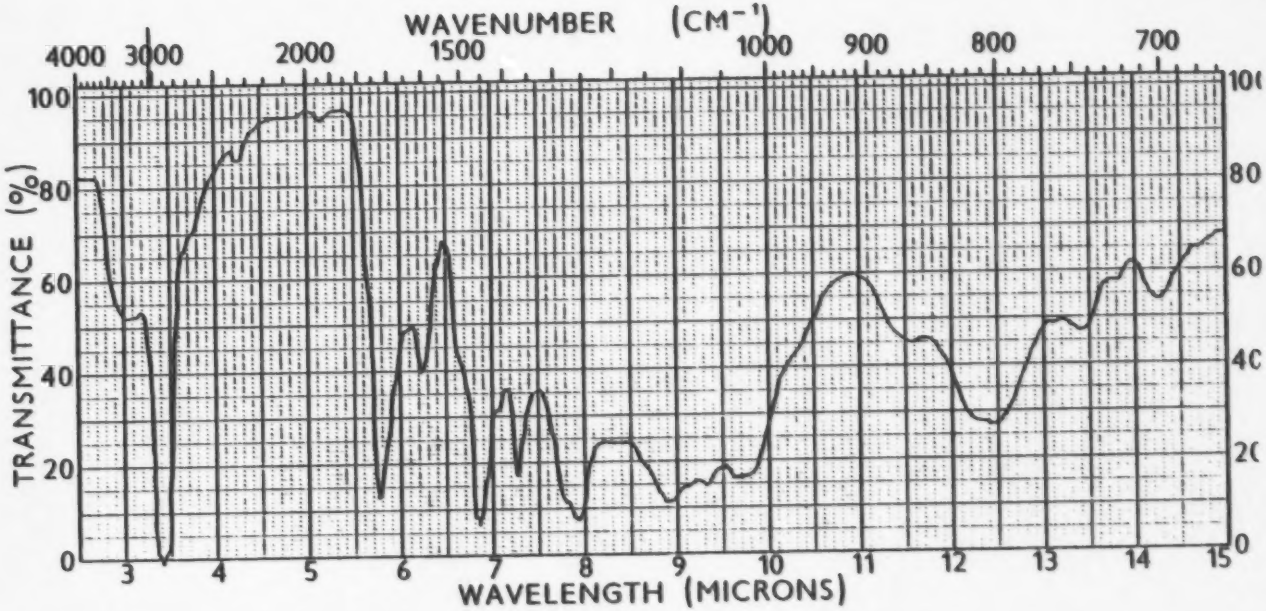
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1027-VII
Sample ID No 3.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
12.4	W		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	13	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1107	CONC.	REMARKS
SAMPLE I.D.No.	1.2.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE DIRECT ON WINDOW	

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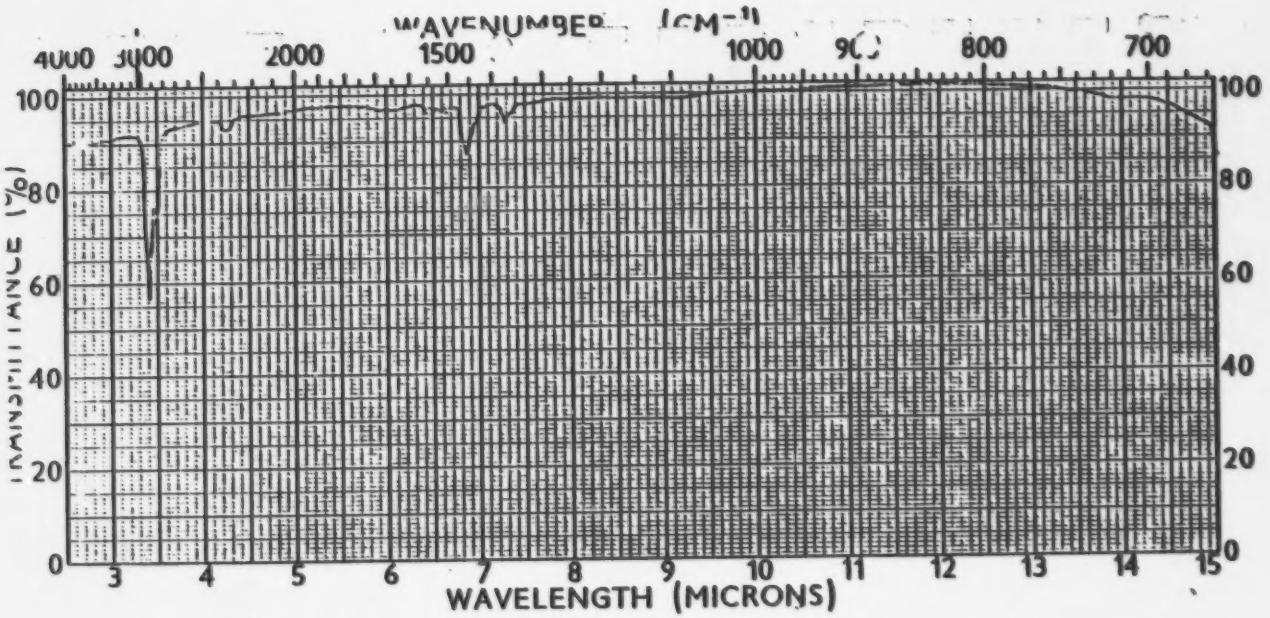
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1107
Sample ID No 1.2.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.98		
3.0	W		
4.25	W		
5.15	W		
5.8	M		
6.2	W		
6.5	W		
6.85	M		
7.1	W		
7.3	M		
7.95	M		
8.9	M		
9.3	M		
9.7	M		
11.5	W		
12.4	M		
13.45	W		
13.8	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	113	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1107	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	1.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

NO.

PART NO. 137E - 1261

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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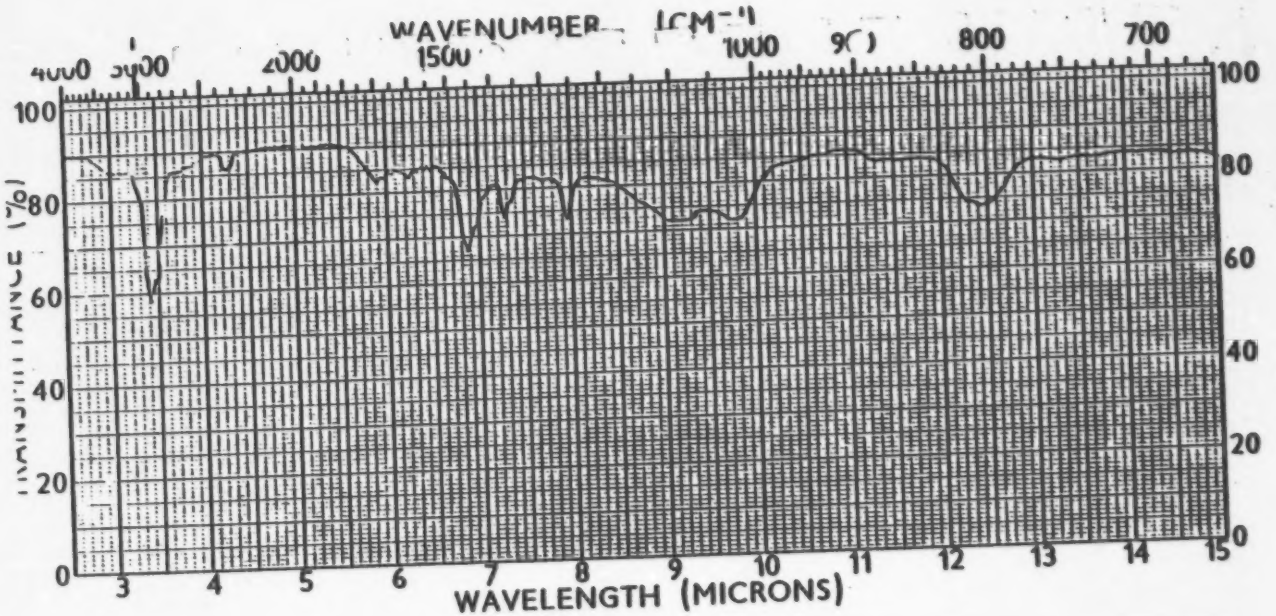
LABORATORIJA ZA BIOFIZIČKU I ANALITIČKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

[illegible] IR ANALIZE
IR ANALYSIS REPORT

[illegible] No [illegible]
[illegible] No 1107-I
[illegible] No 1.2

[illegible]	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.24		
3.5	S		
4.2	W		
6.1	W		
6.4	W		
6.5	W		
6.7	W		
6.9	W		
7.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	114	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1107	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	1.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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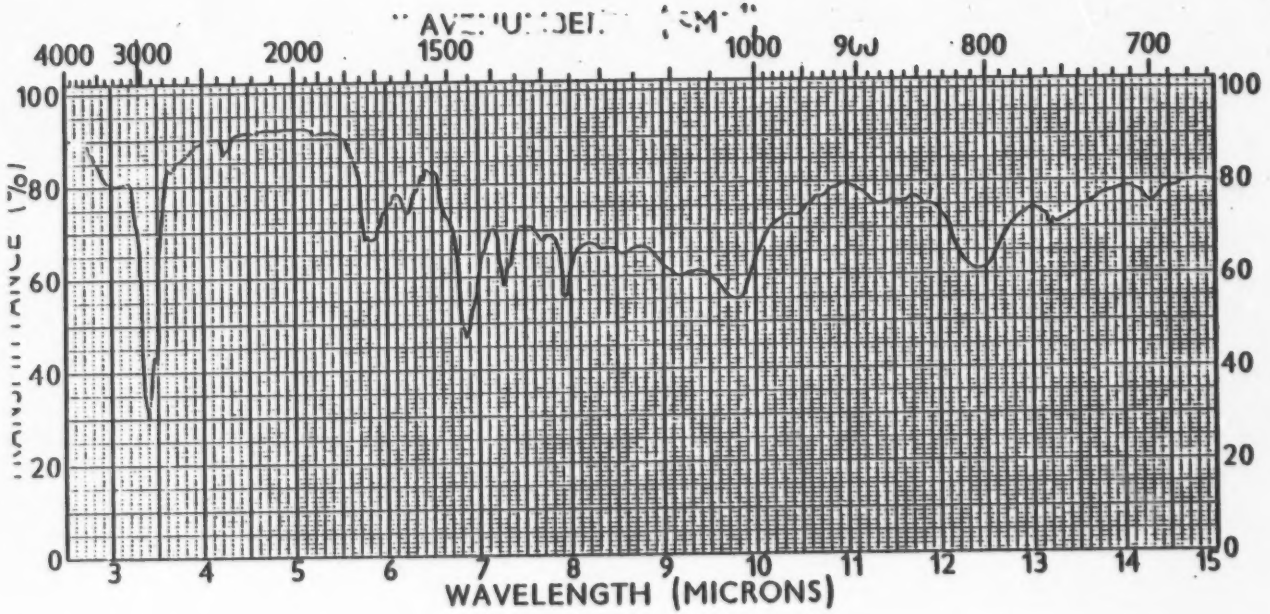
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

INVESTAJ IR ANALIZE
IR ANALYSIS REPORT

Container No JF - 2 - 570 - 5 T
Test Sample No 1107-II
Sample ID No 1.2

Talasni Broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.19		
3.5	S		
4.2	W		
5.9	W		
6.05	W		
6.2	W		
6.4	W		
6.9	M		
7.3	M		
7.35	M		
7.9	M		
9.2	M		
9.8	M		
11.3	W		
12.4	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	115	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1107	CONC.	REMARKS
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	1.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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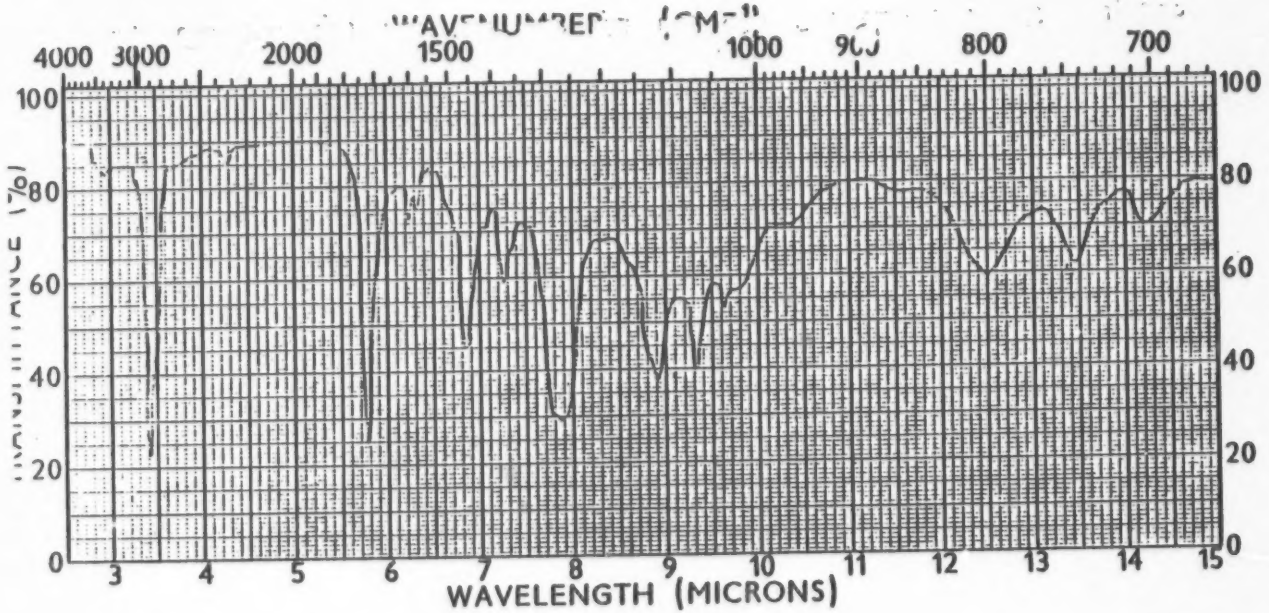
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 530 - 5
Test Sample No 1107-III
Sample ID No 1.2

Talasni broj / Wave Number (cm^{-1})	Intenzitet / Intensity	Klasifikacija / Assignment	Komentar / Comments
3.4	0.48		
2.9	W		
3.5	S		
4.2	W		
5.9	W		
6.2	W		
6.4	W		
6.5	W		
6.9	M		
7.3	M		
7.7	W		
7.9	M		
8.3	W		
8.5	M		
9.2	M		
9.8	M		
10.5	W		
11.3	W		
12.4	M		
13.2	W		
14.3	W		



CONTRACT	JF-2-570.5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	116	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1107	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	1.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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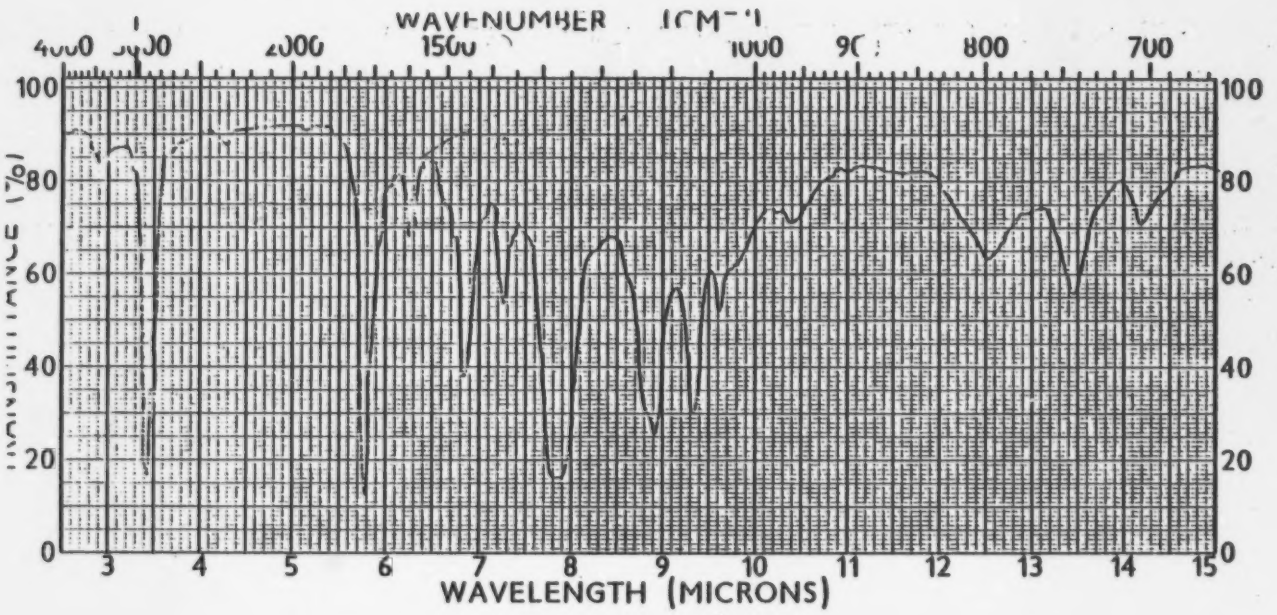
IZVESTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1107-IV
Sample ID No 1.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
2.4	0.61		
2.9	W		
3.5	M		
4.2	W		
5.9	S		
6.05	W		
6.2	W		
6.3	W		
6.4	W		
6.5	W		
6.9	M		
7.3	M		
7.9	S		
8.0	M		
9.3	M		
9.6	M		
10.4	W		
11.5	W		
12.5	W		
13.4	W		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	117	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1107	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	1.2.		
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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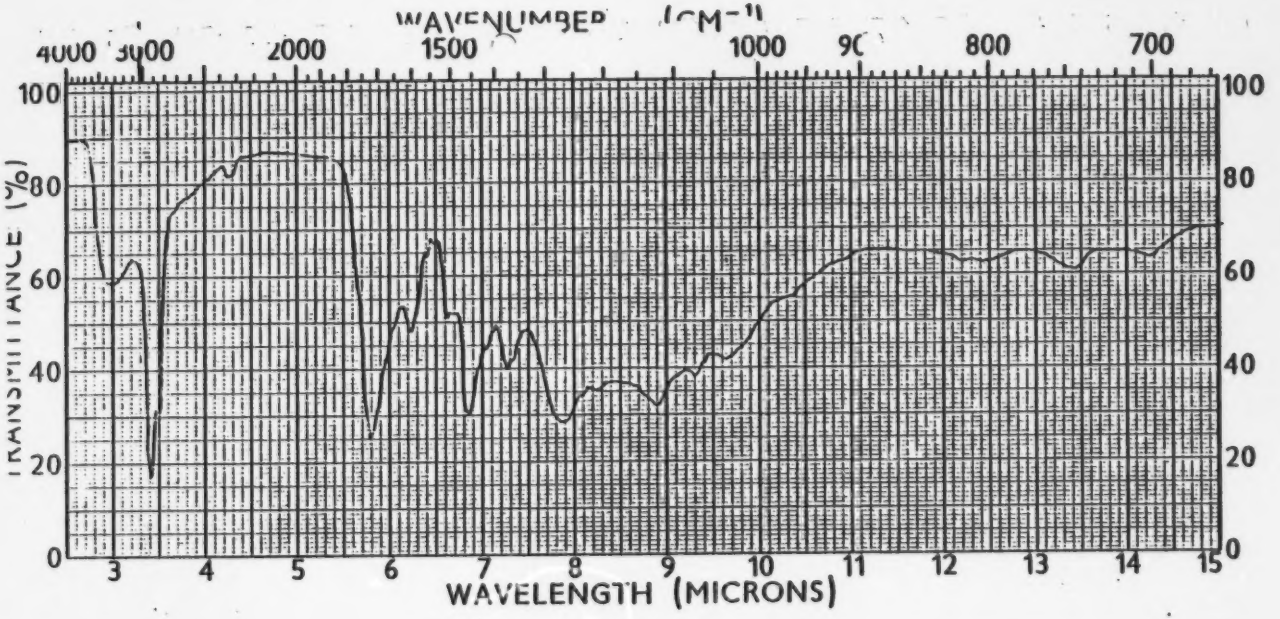
[illegible] ANALIZE
IR ANALYSIS REPORT

[illegible] No JI - 2 - 570 - 5
[illegible] No 1107-V
[illegible] No 1.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	0.88		
2.0	W		
3.4	S		
3.5	M		
4.3	W		
5.1	W		
6.2	W		
6.3	W		
6.4	W		
6.5	W		
6.9	M		
7.3	W		
7.9	S		
8.9	M		
9.3	M		
9.6	W		
10.4	W		
11.0	W		
12.5	W		
13.4	W		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	118	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1107	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	1.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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IR ANALYSIS REPORT

Original No JF - 2 - 570 - 3 T
Sample No 1107-VI
Sample ID No 1.2

Talasni broj / Wave Number (cm^{-1})	Intenzitet / Intensity	Klasifikacija / Assignment	Komentar / Comments
3.4	0.69		
2.9	W		
3.5	M		
4.2	W		
5.8	S		
6.25	M		
6.4	W		
6.5	W		
6.6	M		
6.9	M		
7.3	M		
7.9	S		
8.25	M		
9.9	M		
9.3	M		
9.6	M		
13.4	W		
14.3	W		

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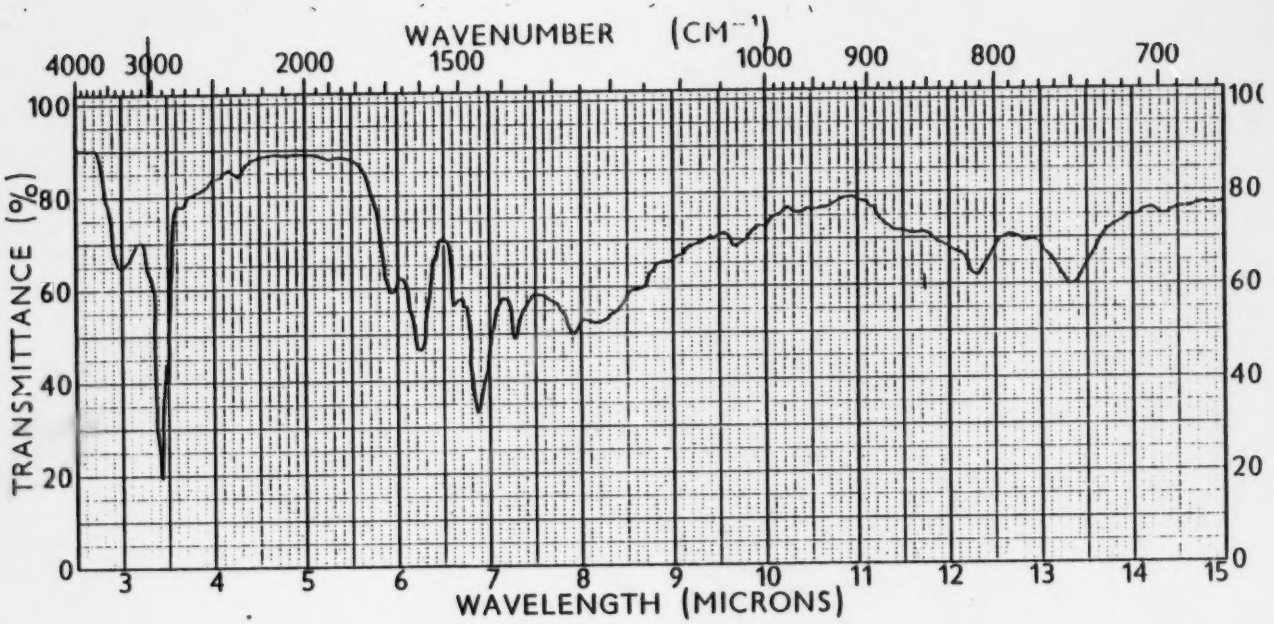
IZVESTAJ O ANALIZI
ANALYSIS REPORT

Contract No. ___ [illegible] ___
Sample No. 1107-VII
Sample ID No. 1.2

Frekvencija Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
7.9	0.25		
2.9	S		
3.4	S		
3.5	S		
3.9	W		
4.0	W		
4.2	W		
4.9	W		
5.1	W		
5.8	S		
5.9	S		
6.4	S		
6.6	M		
6.9	S		
7.2	S		
9.1	S		
9.9	S		
11.6	S		
12.5	S		
14.3	S		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	14	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
SAMPLE I.D.No.	13.1.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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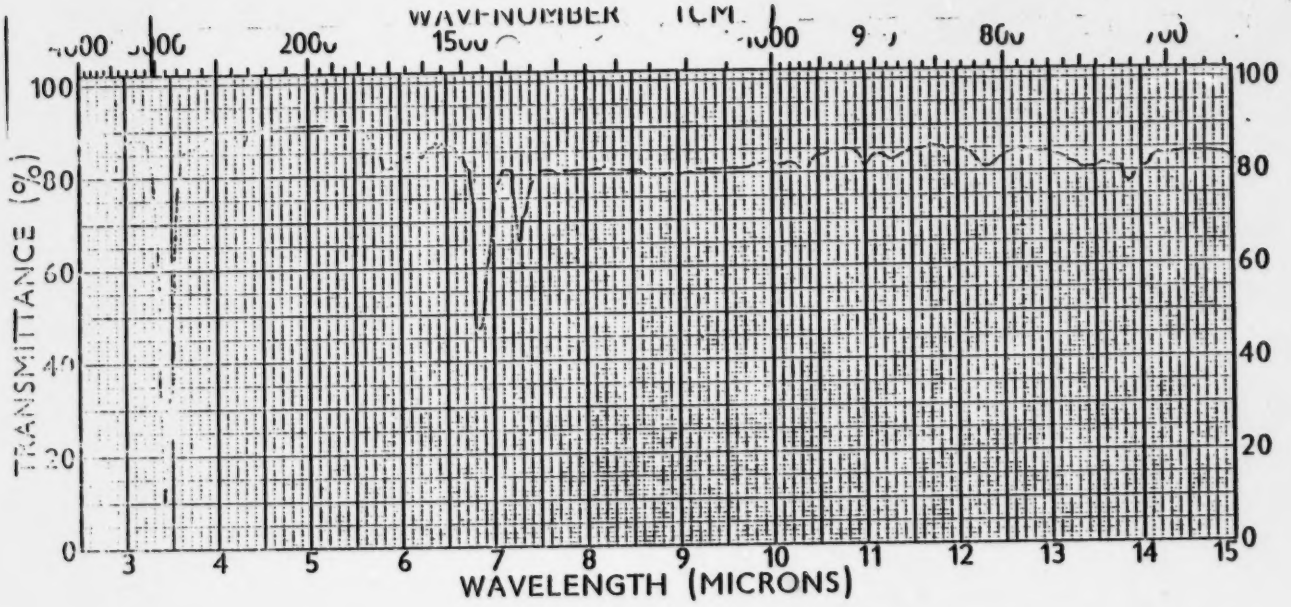
Contract No JF - 2 - 570 - 5
Test sample No 1256
Sample ID No 13.1.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.67		
3.0	W		
3.3	W		
3.5	M		
3.7	W		
4.25	W		
5.9	W		
6.25	M		
6.6	M		
6.9	M		
7.3	M		
7.9	M		
9.7	W		
12.3	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT H
SAMPLE	29	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
GC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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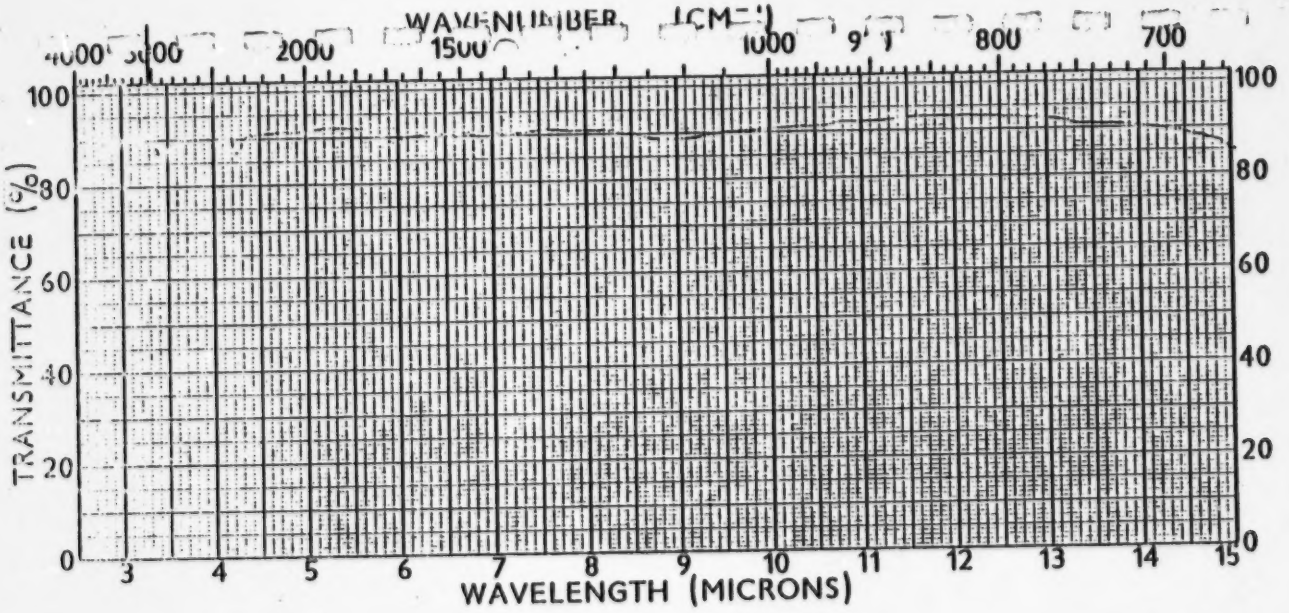
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1256-I
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.95		
2.9	W		
3.5	M		
4.25	W		
5.8	W		
6.1	W		
6.25	W		
6.4	W		
6.5	W		
6.85	W		
7.3	W		
7.7	W		
10.1	W		
10.4	W		
11.0	W		
11.3	W		
11.9	W		
12.3	W		
13.4	W		
13.85	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	30	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
IC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.M.E.P.		

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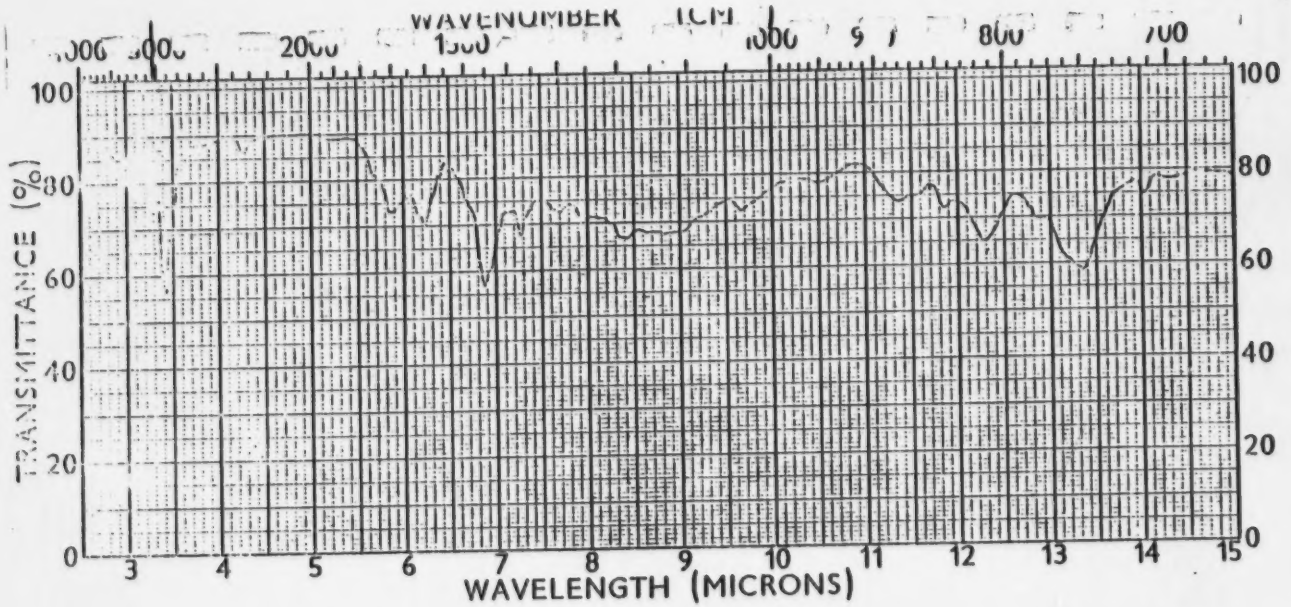
IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1256-II
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.02		
3.5	S		
4.25	S		
5.9	W		
6.4	W		
6.5	W		
6.65	W		
9.0	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	31	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
TG FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.W.E.P.			

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

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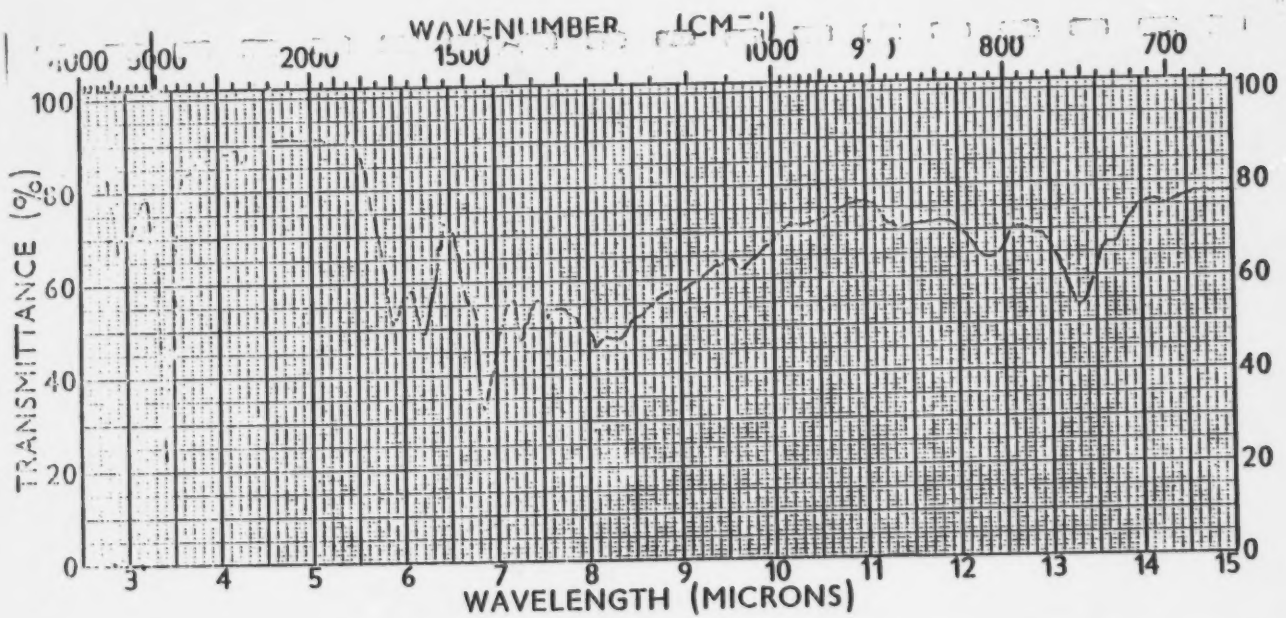
Contract No JF - 2 - 570 - 5
Test sample No 1256-III
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.20		
3.0	W		
3.3	M		
3.5	M		
4.25	W		
5.2	W		
5.65	W		
5.85	M		
6.05	M		
6.25	M		
6.4	W		
6.5	W		
6.85	S		
6.95	S		
7.3	M		
7.7	M		
7.95	M		
8.4	M		
9.65	M		
10.5	M		
11.35	M		
11.85	M		
12.3	S		
12.9	M		
13.35	S		
14.05	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	32	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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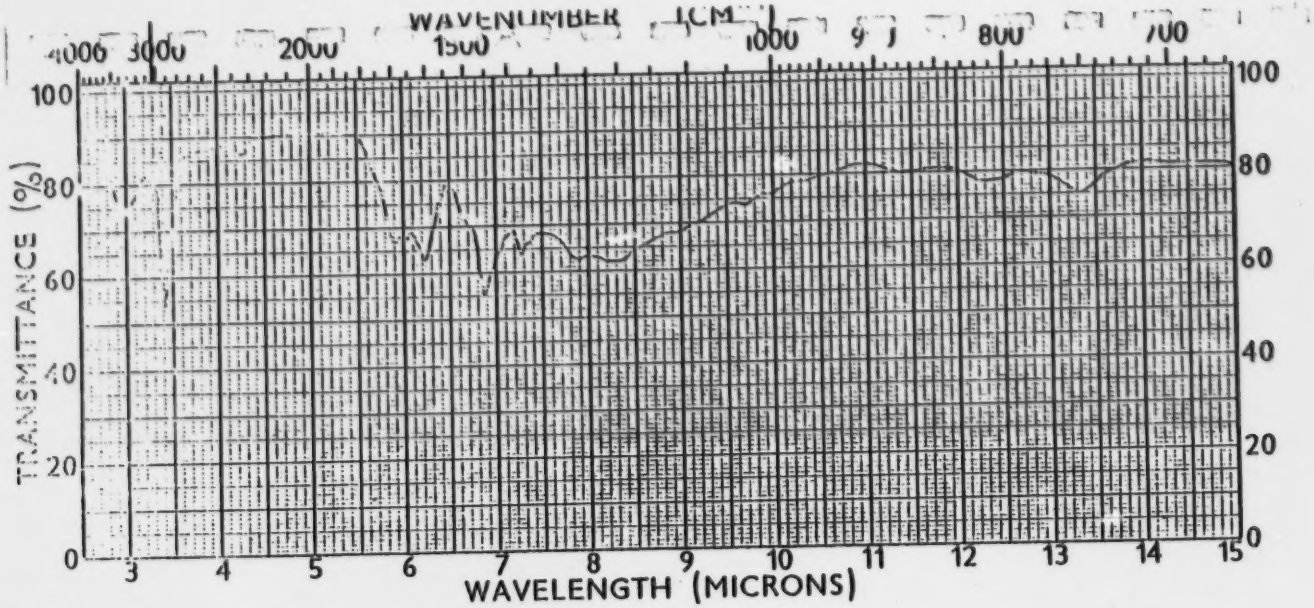
IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1256-IV
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.59		
2.95	W		
3.3	W		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.25	M		
6.4	W		
6.5	W		
6.7	M		
6.85	S		
6.95	M		
7.05	M		
7.25	M		
7.35	M		
7.55	M		
8.1	M		
8.35	M		
9.65	W		
10.3	W		
11.35	W		
12.4	W		
13.3	M		
13.75	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	33	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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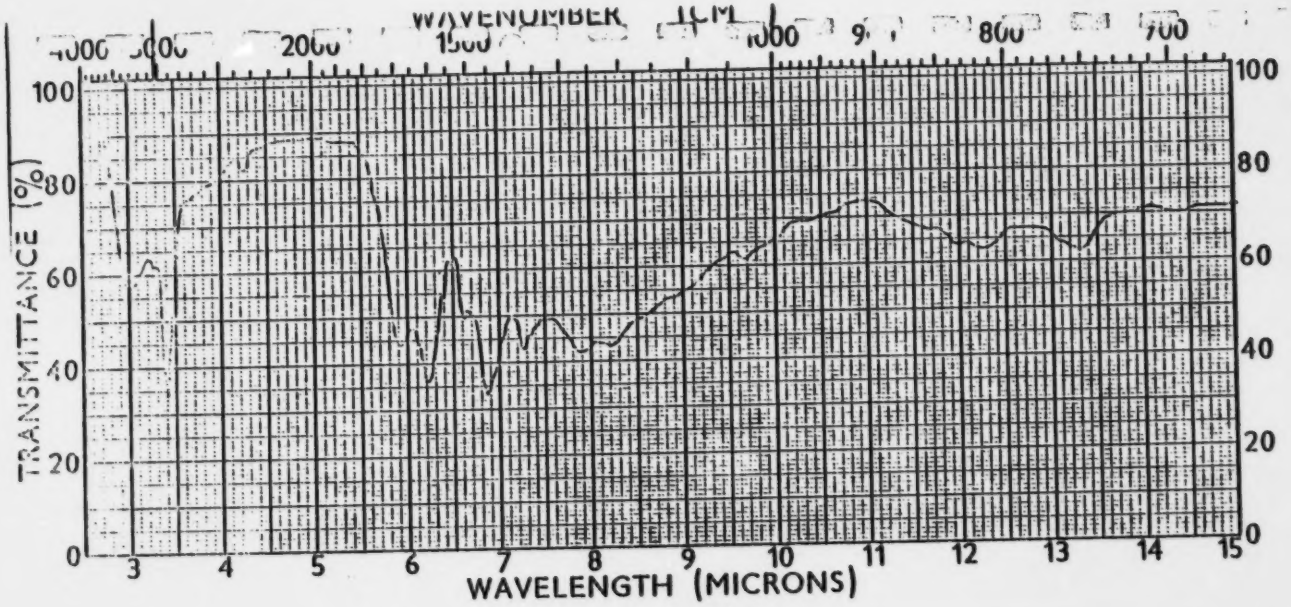
Contract No JF - 2 - 570 - 5
Test sample No 1256-V
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.22		
3.0	M		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.25	S		
6.4	M		
6.5	M		
6.65	M		
6.9	S		
7.05	M		
7.3	M		
7.85	S		
8.3	S		
9.0	M		
9.7	M		
12.3	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	34	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
IC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.M.E.P.		

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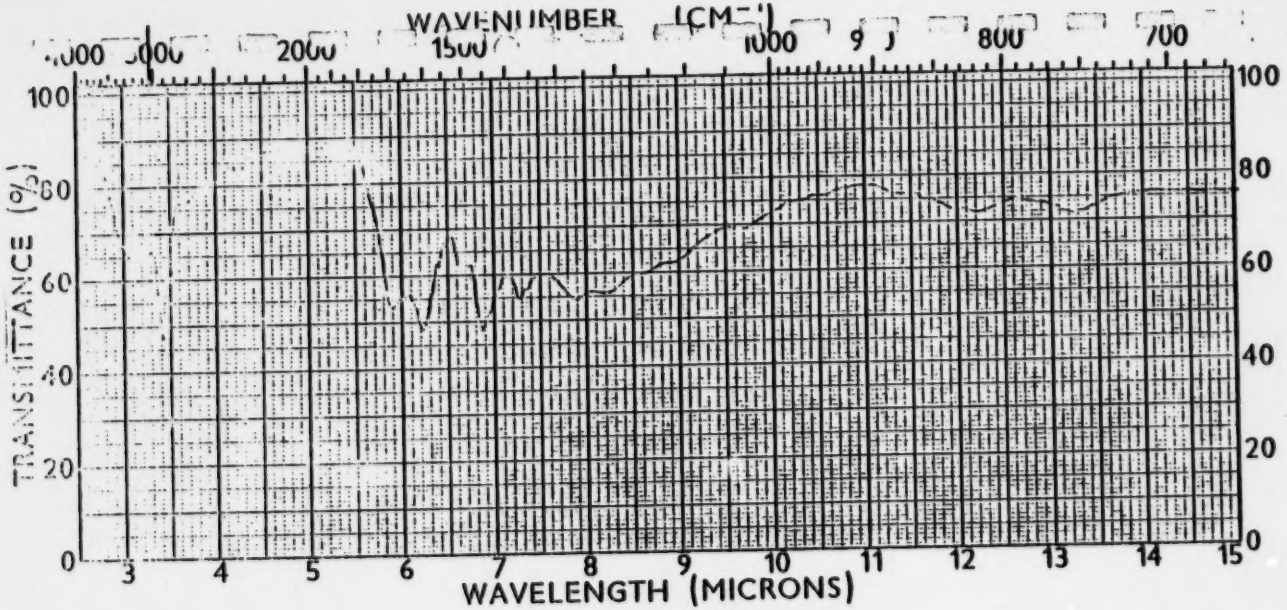
Contract No JF - 2 - 570 - 5
Test sample No 1256-VI
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.42		
3.0	M		
3.3	M		
3.5	M		
4.25	W		
5.9	S		
6.2	S		
6.4	M		
6.5	M		
6.6	M		
6.85	S		
7.25	S		
7.9	S		
8.2	S		
9.7	M		
12.25	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	35	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1256	CONC.	REMARKS
IC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.U.K.P.			

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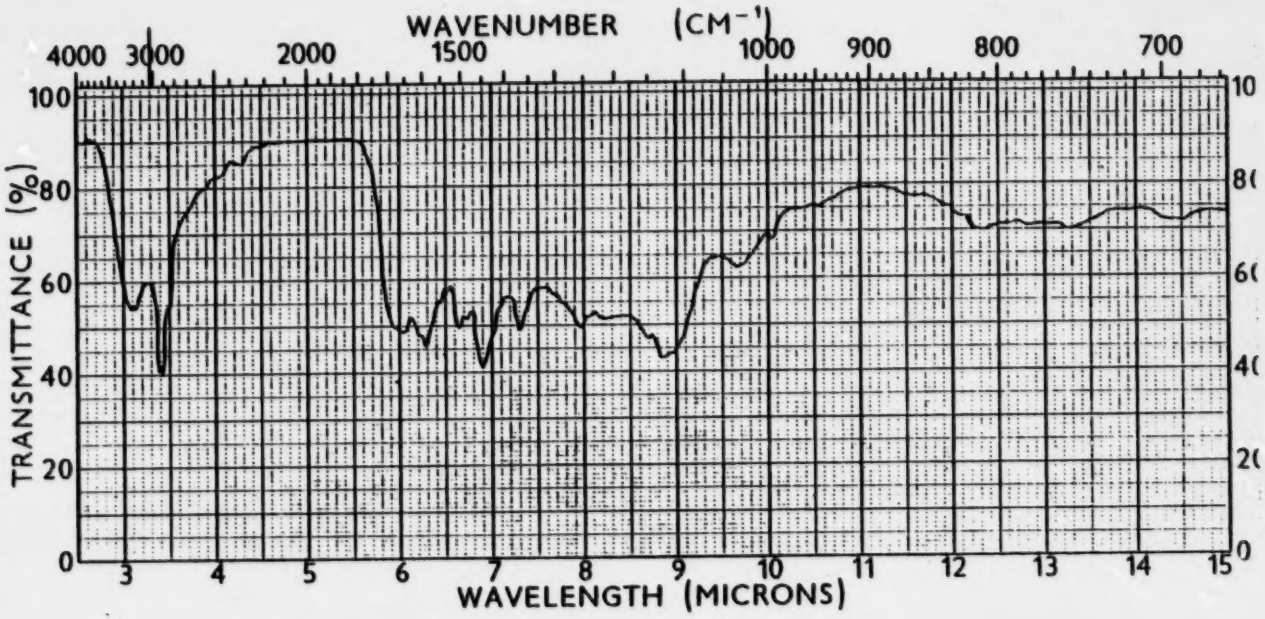
Contract No JF - 2 - 570 - 5
Test sample No 1256-VII
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.28		
3.1	M		
3.5	M		
3.7	W		
5.9	S		
6.05	S		
6.2	S		
6.4	M		
6.5	M		
6.65	M		
6.9	S		
7.3	S		
7.9	S		
8.2	S		
8.6	M		
9.65	M		
12.25	M		
13.25	M		



CONTRACT JF-2-570-5 SAMPLE 15 TEST No. 1230 SAMPLE I.D.No. 14.5. ORIGIN I.N.E.P.	PHASE SOLVENT CONC. CELL PATH REFERENCE DIRECT ON WINDOW	SCAN SPEED S SLIT N OPERATOR D.J. DATE VI.1980 REMARKS NO.

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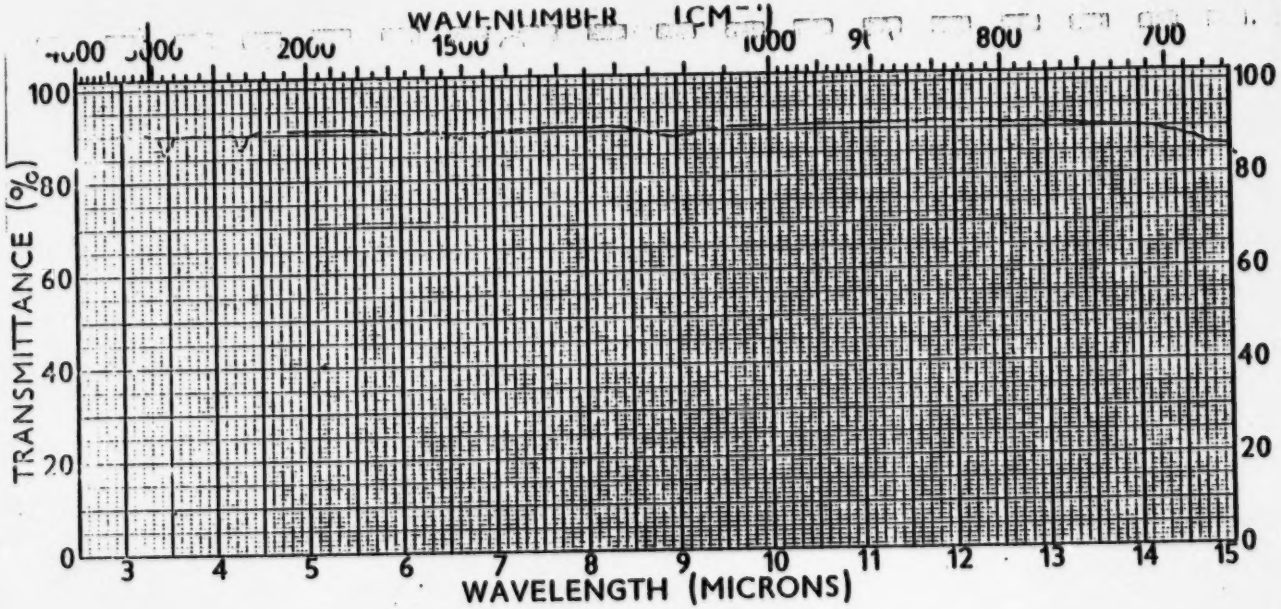
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1230
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.35		
3.1	M		
3.5	M		
4.3	W		
6.0	S		
6.3	S		
6.5	M		
6.6	S		
6.9	S		
7.3	S		
7.95	S		
8.8	S		
9.7	M		
10.1	M		
12.3	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT M
SAMPLE	85	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1230	CONC.	REMARKS
IC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	14.5.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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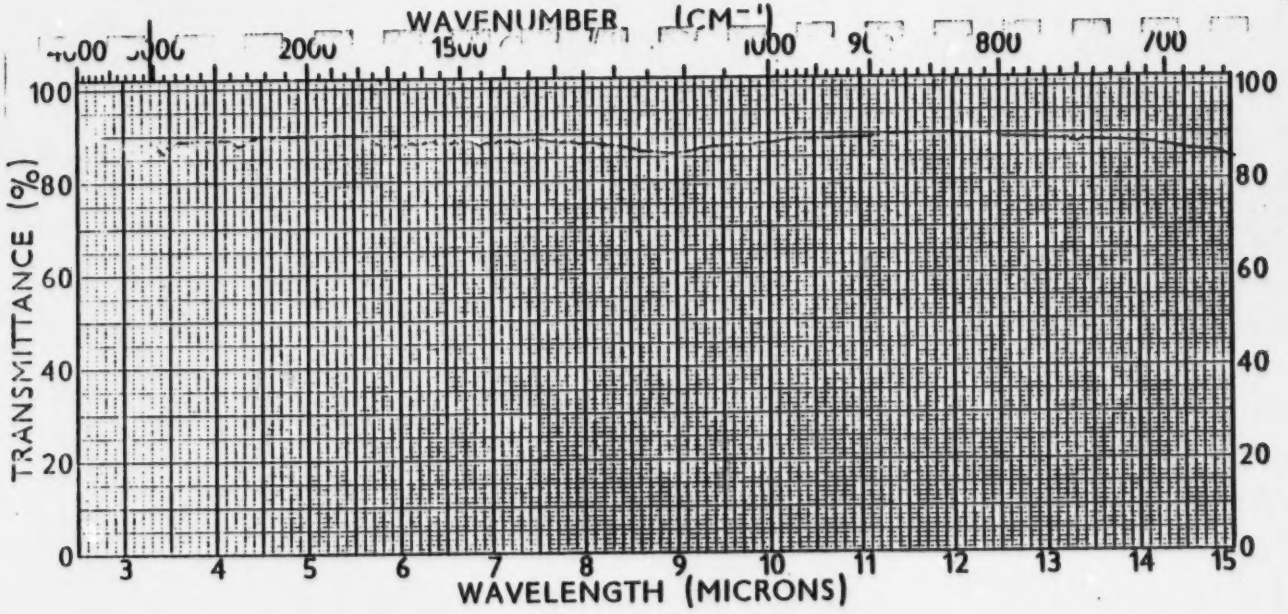
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JP - 2 - 570 - 5
Test sample No 1230-I
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
vrlo slabe i široke linije (Very weak and wide lines)			



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	86	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1230	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	14.5.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N-E.P.			

NO.

PART NO. 137E - 1281

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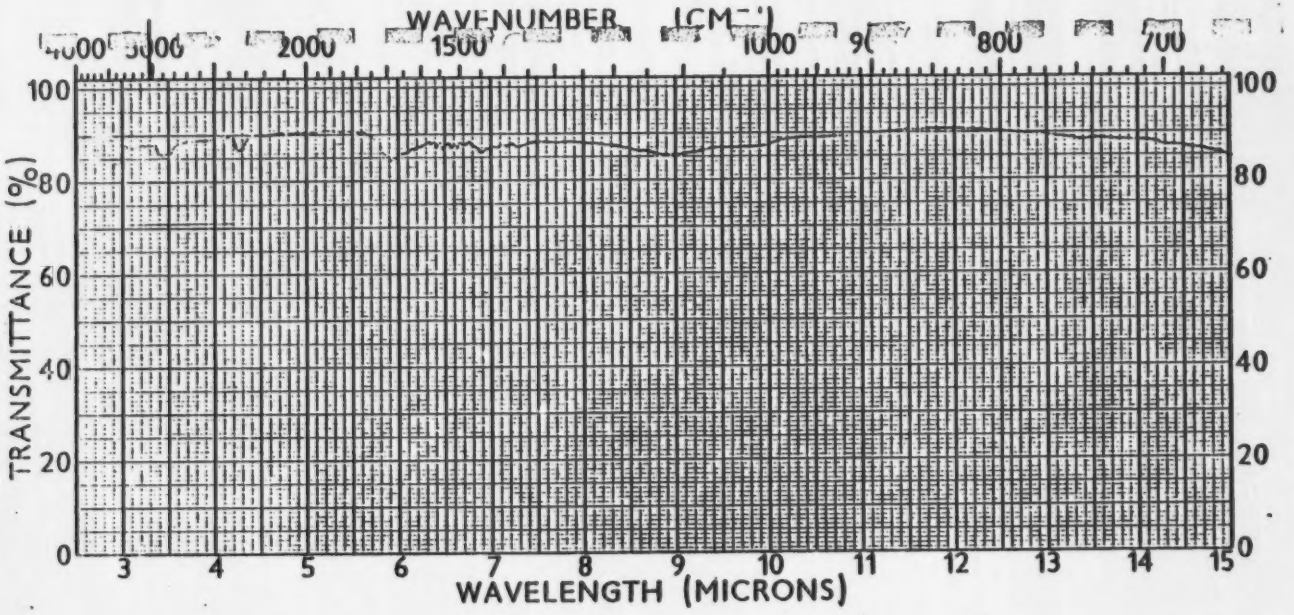
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1230-II
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
vrlo slabe i široke linije (very weak and wide lines)			



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	87	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1230	CONC.	REMARKS
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	14.5.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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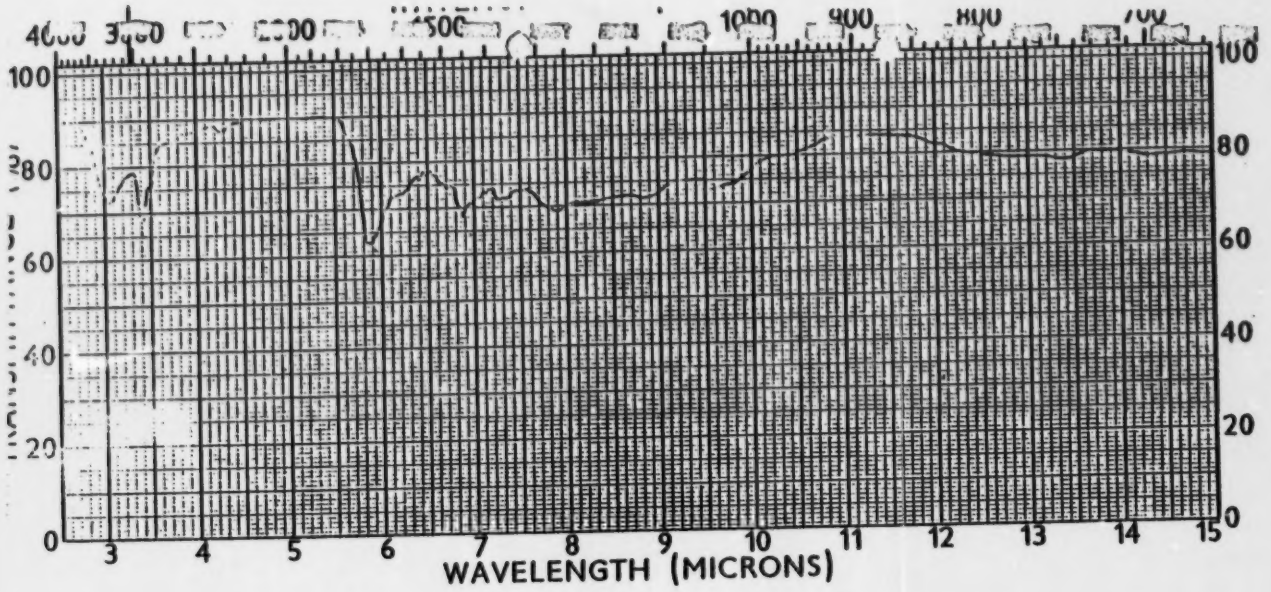
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1230-III
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
vrlo slabe i široke linije (very weak and wide lines)			



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	88	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1230	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	14.5.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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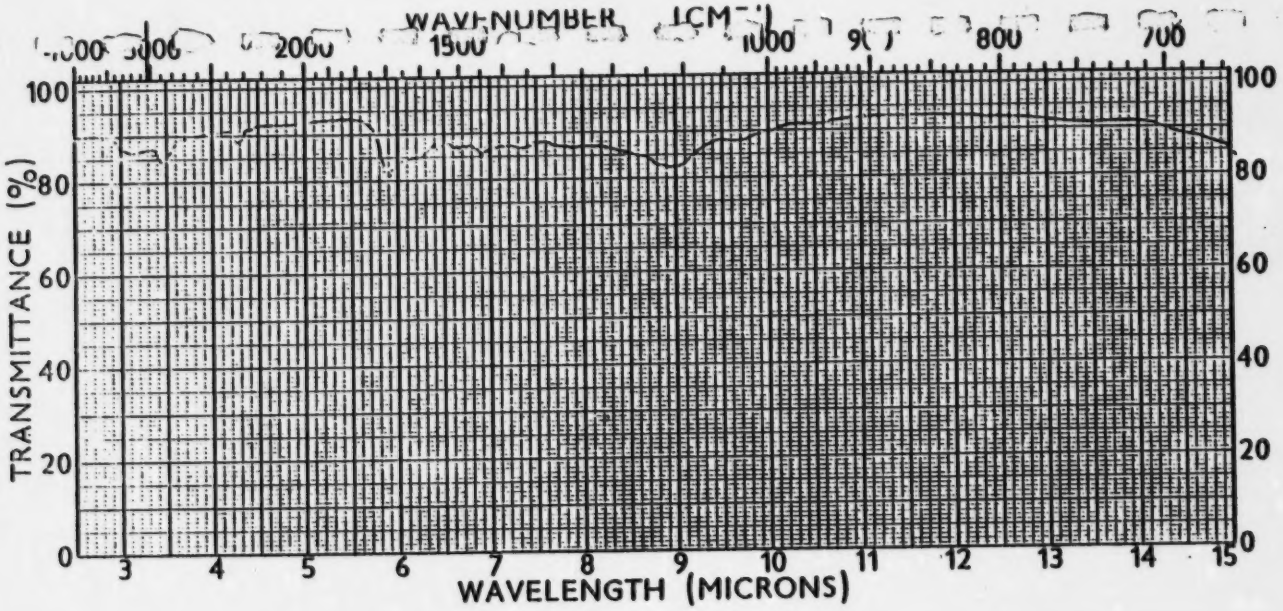
LABORATORIJA ZA BIOFIZIČKU I ANALITIČKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1230-IV
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.9	0.16		
3.05	M		
3.4	S		
3.5	M		
4.25	W		
5.05	S		
6.4	M		
6.5	M		
6.7	M		
6.9	S		
7.3	M		
7.9	S		
8.9	M		
9.6	M		
12.0	M		
13.4	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	89	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1230	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	14.5.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

NO.

PART NO. 137E - 1261

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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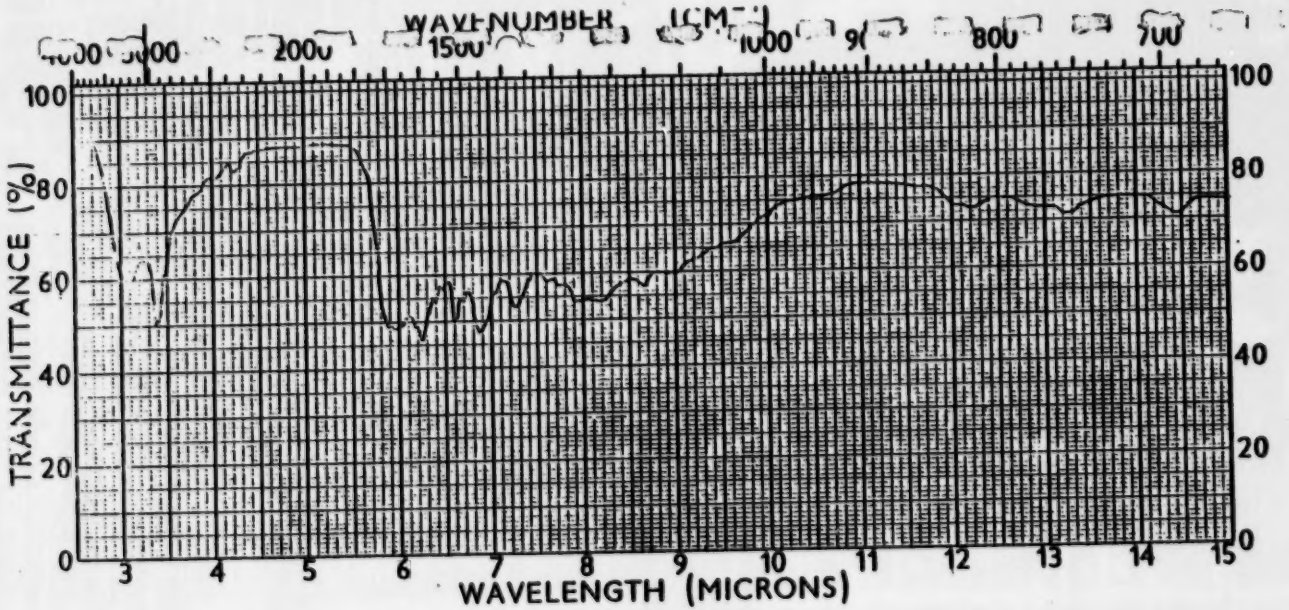
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1230-V
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.9	0,05		
3.1	M		
3.45	S		
4.3	M		
6.4	M		
6.5	M		
6.9	S		
7.35	M		
8.95	S		
9.7	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	90	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1230	CONC.	REMARKS
IC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	14.5.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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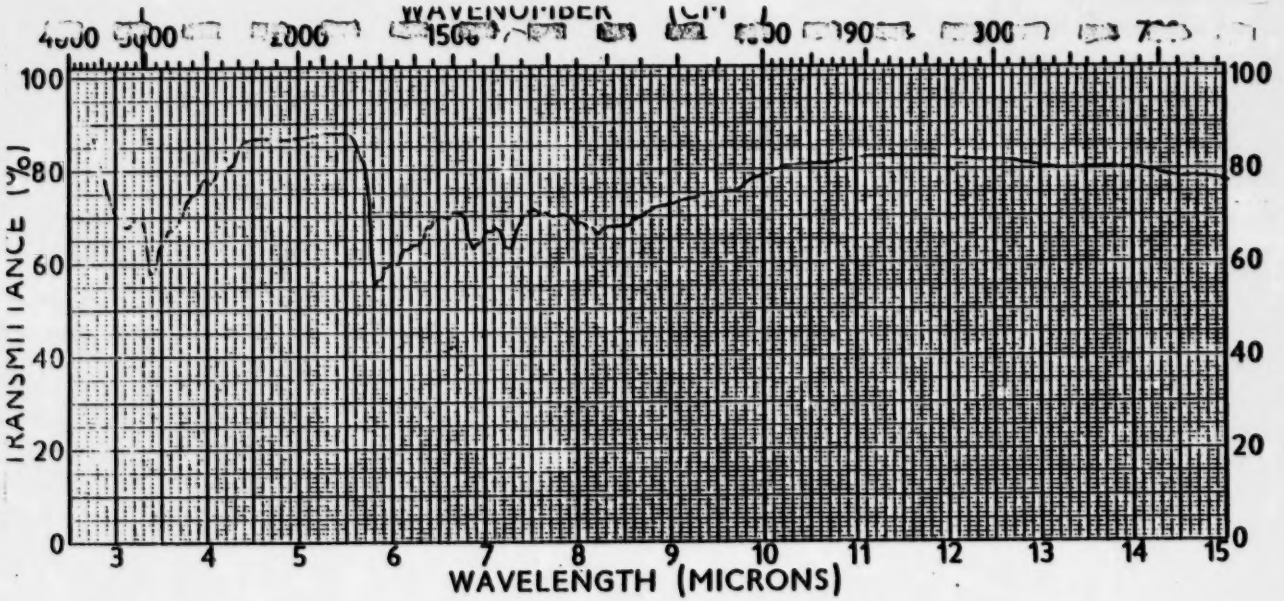
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1230-VI
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
6.25	0.28		
3.1	M		
3.4	S		
3.5	M		
4.0	W		
4.25	W		
5.95	S		
6.4	S		
6.5	M		
6.6	S		
6.7	S		
6.9	S		
7.3	S		
7.6	M		
7.7	M		
8.1	S		
8.7	S		
9.7	M		
10.0	M		
12.0	W		
12.2	W		
13.3	M		
14.45	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	91	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1230	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	14.5.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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PART NO. 137E - 1281

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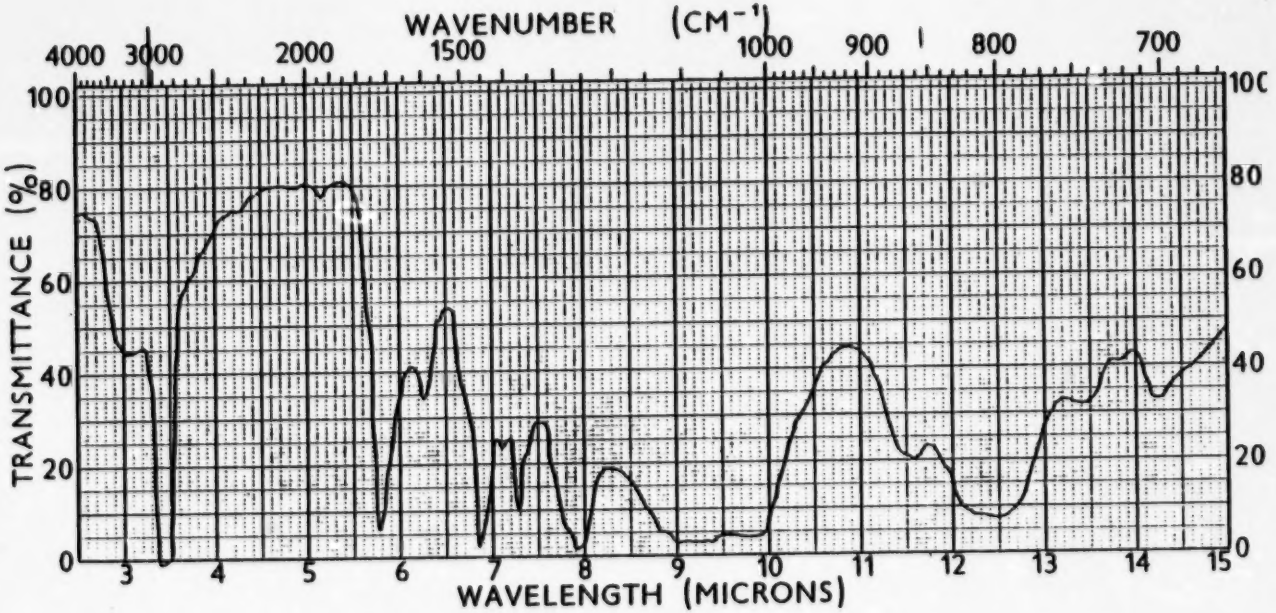
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1230-VII
Sample ID No 14.5

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	0.20		
3.1	M		
3.4	S		
3.5	S		
3.65	M		
3.9	M		
4.05	W		
4.25	W		
5.9	S		
6.0	S		
6.4	M		
6.5	M		
6.9	S		
7.05	M		
7.3	S		
7.6	M		
7.7	M		
8.0	M		
8.2	M		
9.7	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	16	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1190	CONC.	REMARKS
SAMPLE I.D.No.	7.1.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

NO.

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LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1190
Sample ID No 7.1.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.90		
3.0	W		
4.3	W		
5.15	W		
5.8	M		
6.25	W		
6.8	S		
7.1	W		
7.3	M		
7.9	S		
9.5	S		
11.5	W		
12.5	M		
13.5	W		
14.2	W		

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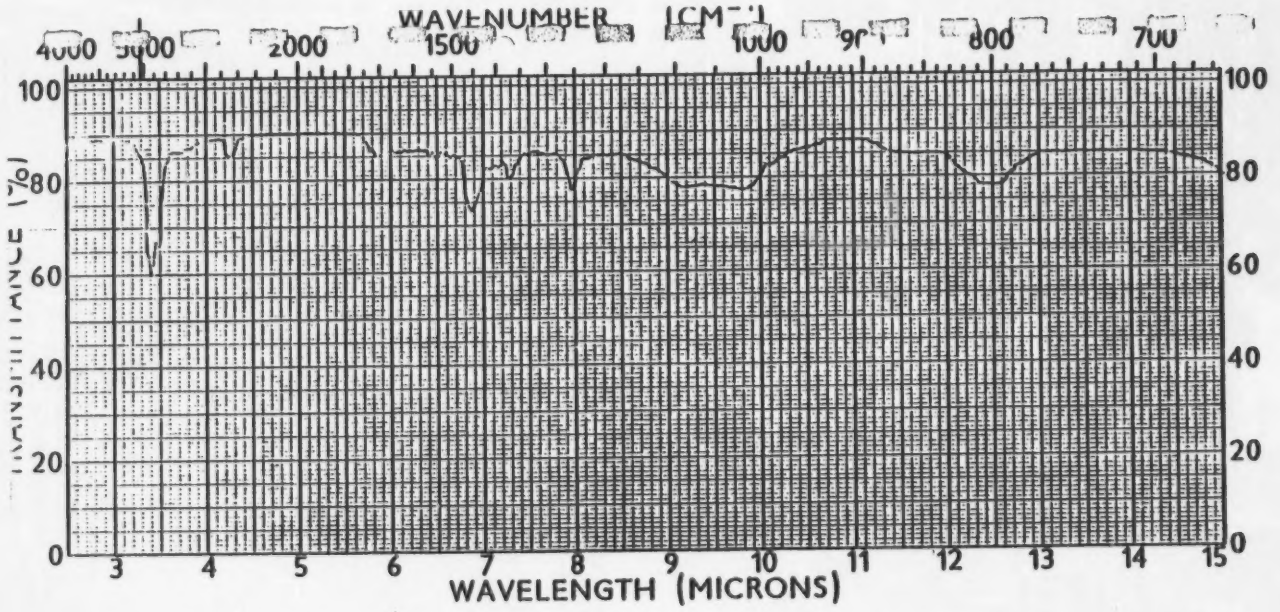
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1190-I
Sample ID No 7.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.48		
2.8	W		
3.5	M		
4.25	W		
6.85.	W		
7.3	W		
7.5	W		
9.0	W		
13.85	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT M
SAMPLE	93	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1190	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	7.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS.

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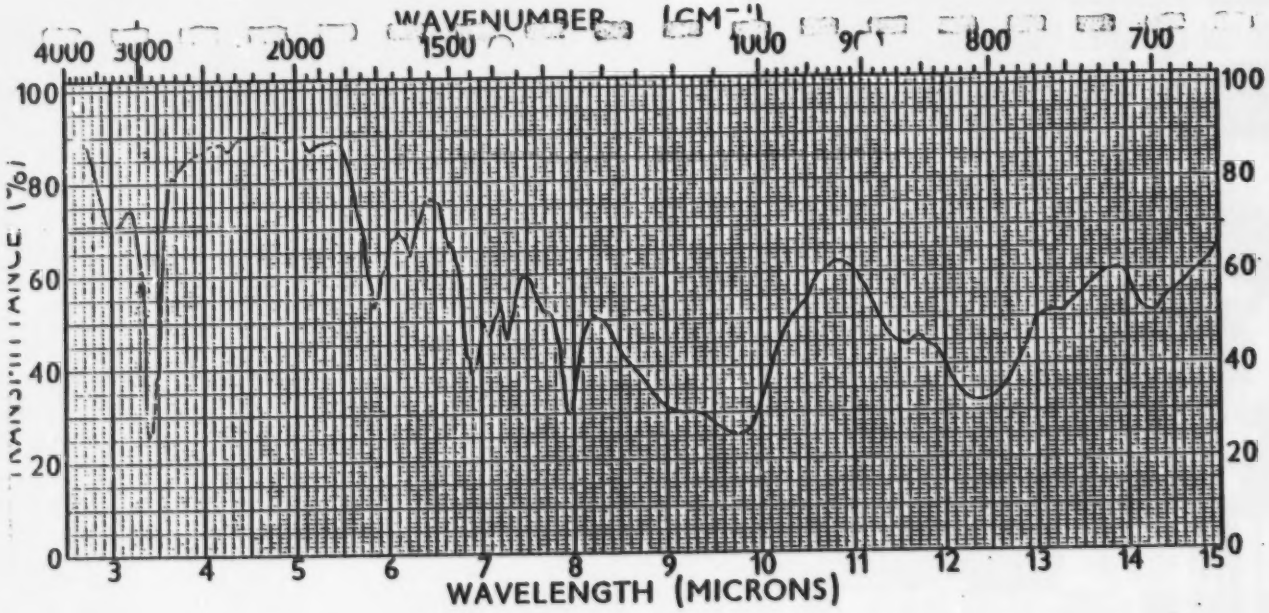
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 370 - 5
Test sample No 1190-II
Sample ID No 7.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.17		
3.5	S		
4.25	W		
5.9	W		
6.4	W		
6.5	W		
6.9	M		
7.3	M		
7.95	M		
9.1	M		
9.8	M		
11.5	W		
12.5	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	94	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1190	CONC.	REMARKS
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	7.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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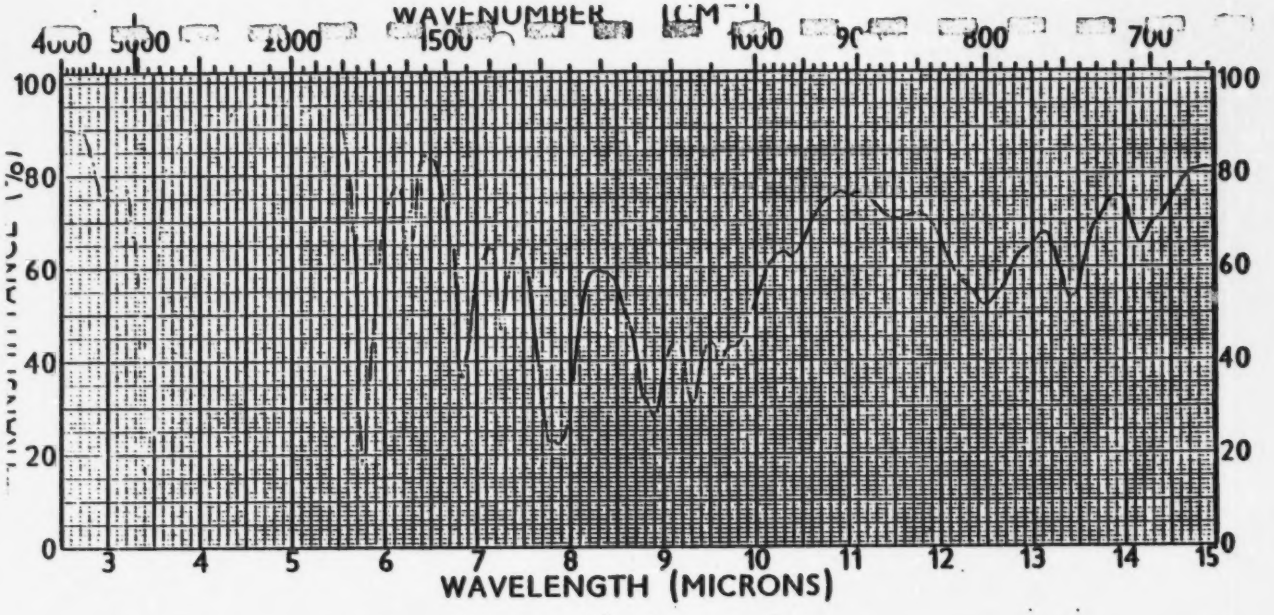
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1190-III
Sample ID No 7.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.55		
3.0	W		
3.5	S		
3.7	W		
4.0	W		
4.3	W		
4.9	W		
5.15	W		
5.85	M		
6.25	W		
6.4	W		
6.9	M		
7.1	M		
7.3	M		
7.7	M		
7.95	S		
9.15	S		
9.7	S		
11.55	M		
12.4	S		
13.3	M		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED s SLIT M
SAMPLE	95	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1190	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	Pure phthalaldehyde
SAMPLE I.D. No.	7.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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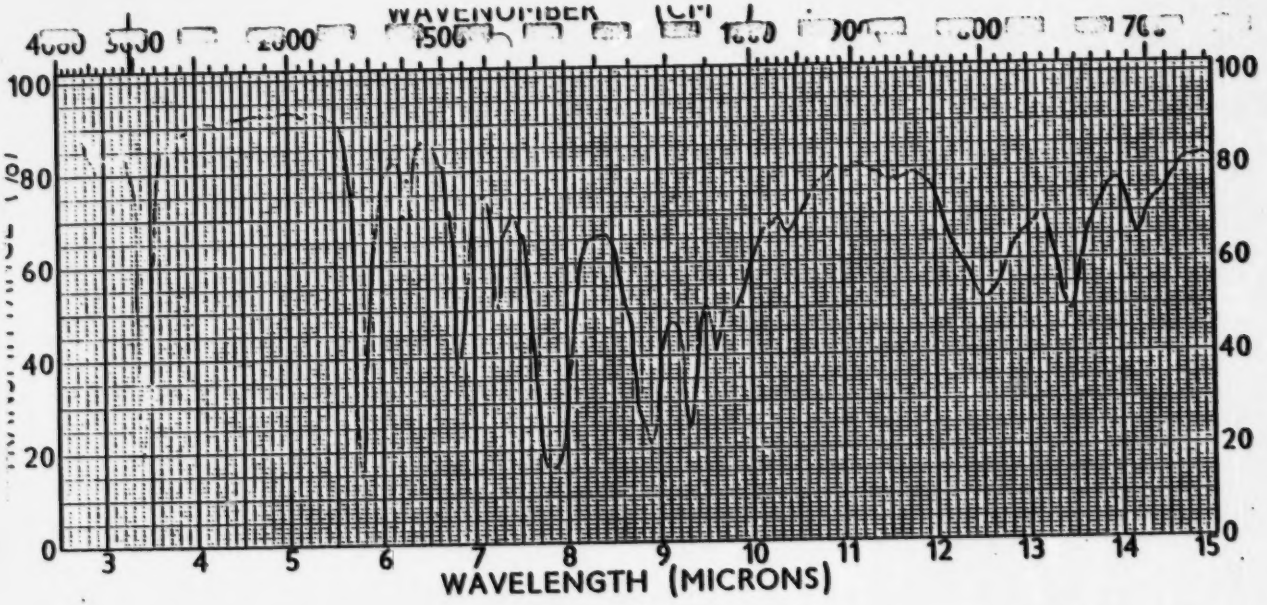
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1190-IV
Sample ID No 7.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.77		
2.9	W		
3.5	S		
3.7	W		
4.3	W		
5.15	W		
5.8	S		
6.2	W		
6.3	W		
6.7	W		
6.85	M		
7.1	W		
7.25	M		
7.9	S		
8.9	M		
9.3	M		
9.6	M		
9.7	M		
10.4	W		
11.0	W		
11.5	W		
12.5	M		
13.4	M		
14.2	W		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	96	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1190	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	7.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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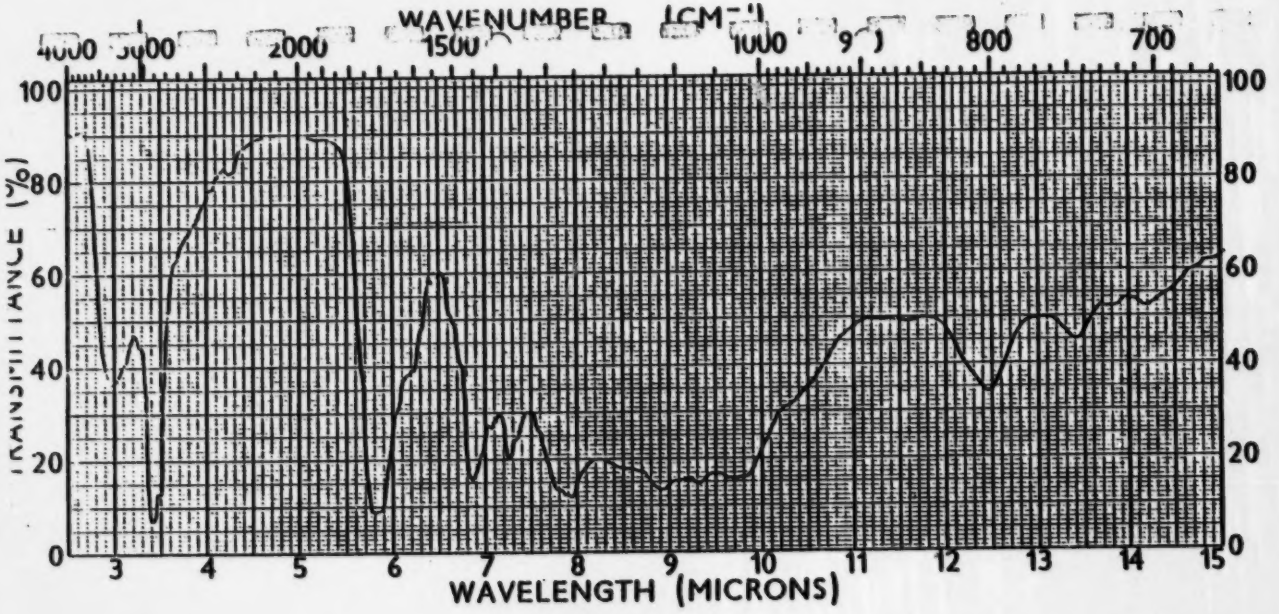
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ I[illegible]NALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1190-V
Sample ID No 7.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	0.80		
2.9	W		
3.4	S		
3.5	M		
4.3	W		
6.2	W		
6.3	W		
6.7	W		
6.8	M		
7.3	M		
7.8	S		
8.9	S		
9.3	S		
9.6	M		
9.7	M		
10.4	W		
11.0	W		
11.5	W		
12.5	M		
13.5	M		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 2 SLIT M
SAMPLE	97	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1190	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	7.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			NO.

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PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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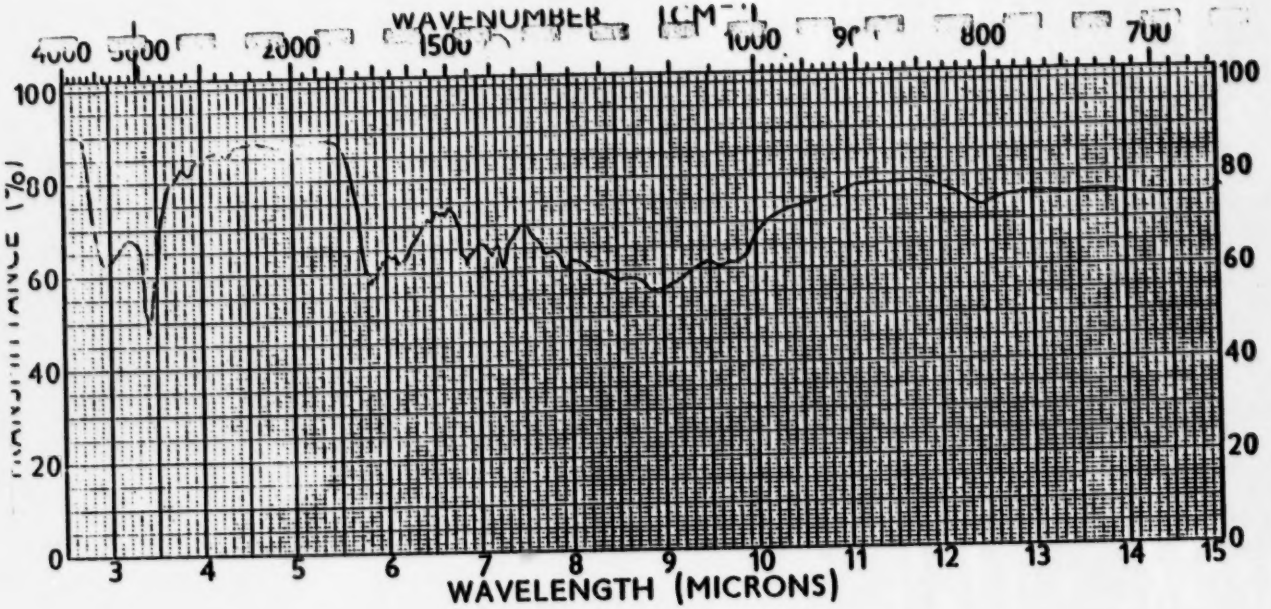
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1190-VI
Sample ID No 7.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.10		
3.9	M		
3.5	S		
4.25	W		
5.8	S		
6.2	M		
6.4	W		
6.5	W		
6.85	S		
7.05	M		
7.25	M		
7.9	S		
8.9	S		
9.3	S		
9.75	S		
12.45	M		
13.4	W		
13.9	W		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	98	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1190	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	7.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

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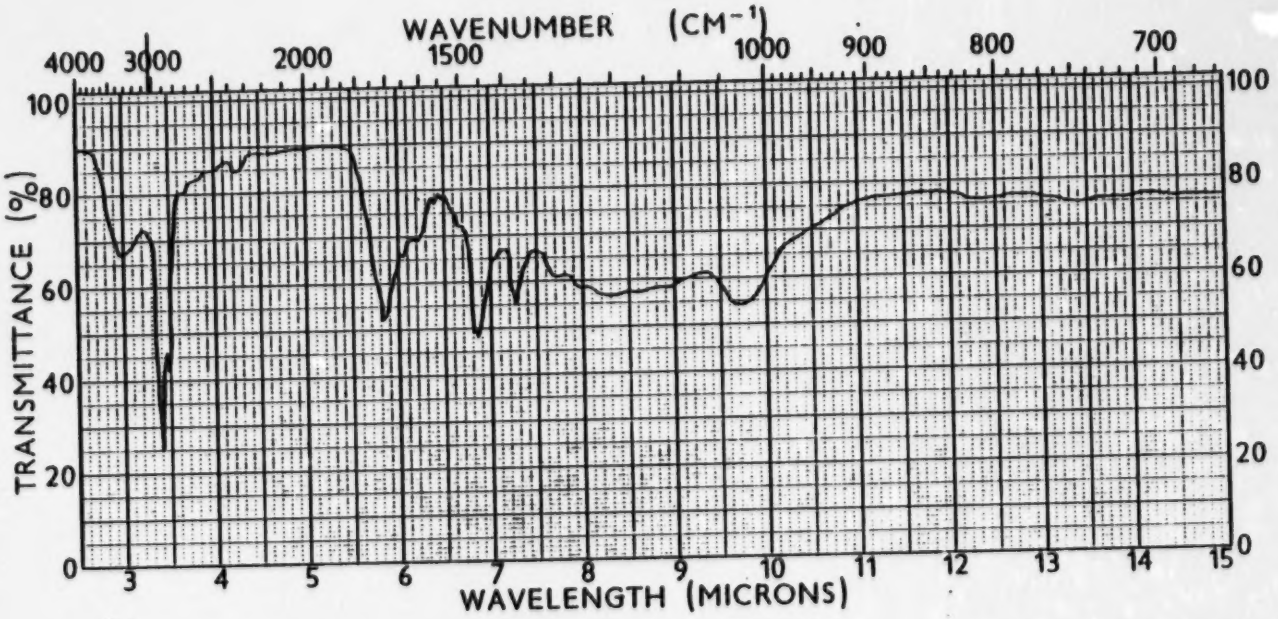
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1190-VII
Sample ID No 7.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.26		
2.95	M		
3.5	S		
3.85	W		
4.0	W		
4.25	W		
5.8	S		
6.15	M		
6.5	M		
6.9	M		
7.15	M		
7.3	M		
7.7	M		
7.95	M		
9.0	S		
9.6	M		
12.45	W		



CONTRACT JP-2-570-5	PHASE	SCAN SPEED S SLIT N	
SAMPLE 17			
TEST No. 1152 - B	SOLVENT	OPERATOR D.J. DATE VI.1980	
SAMPLE I.D.No. 15.3	CONC.	REMARKS	
	CELL PATH		
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW		

NO.

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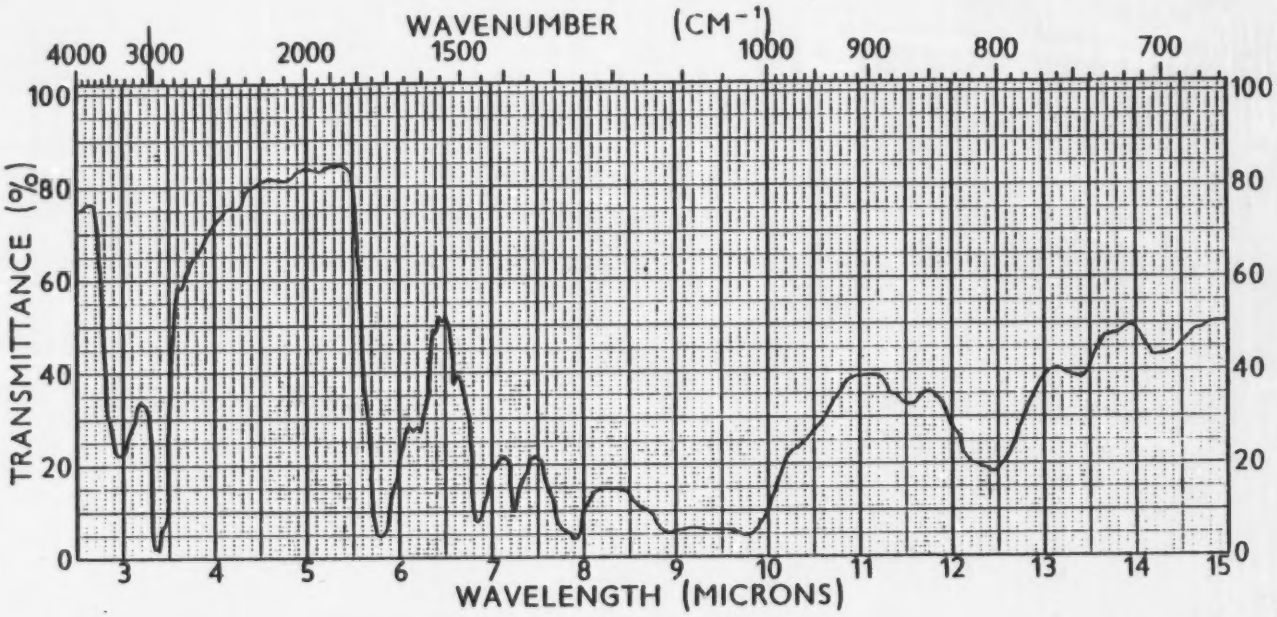
LABORATORIJA ZA BIOFIZIČKU I ANALITIČKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1152-B
Sample ID No 15.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.55		
3.0	W		
3.5	M		
4.25	W		
5.8	M		
6.2	W		
6.4	W		
6.5	W		
6.85	M		
7.25	M		
7.7	M		
9.7	M		



CONTRACT JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N	
SAMPLE 18	SOLVENT	OPERATOR D.J. DATE VI.1980	
TEST No. 1151	CONC.	REMARKS	
SAMPLE I.D.No. 15.3.	CELL PATH		
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW		

NO

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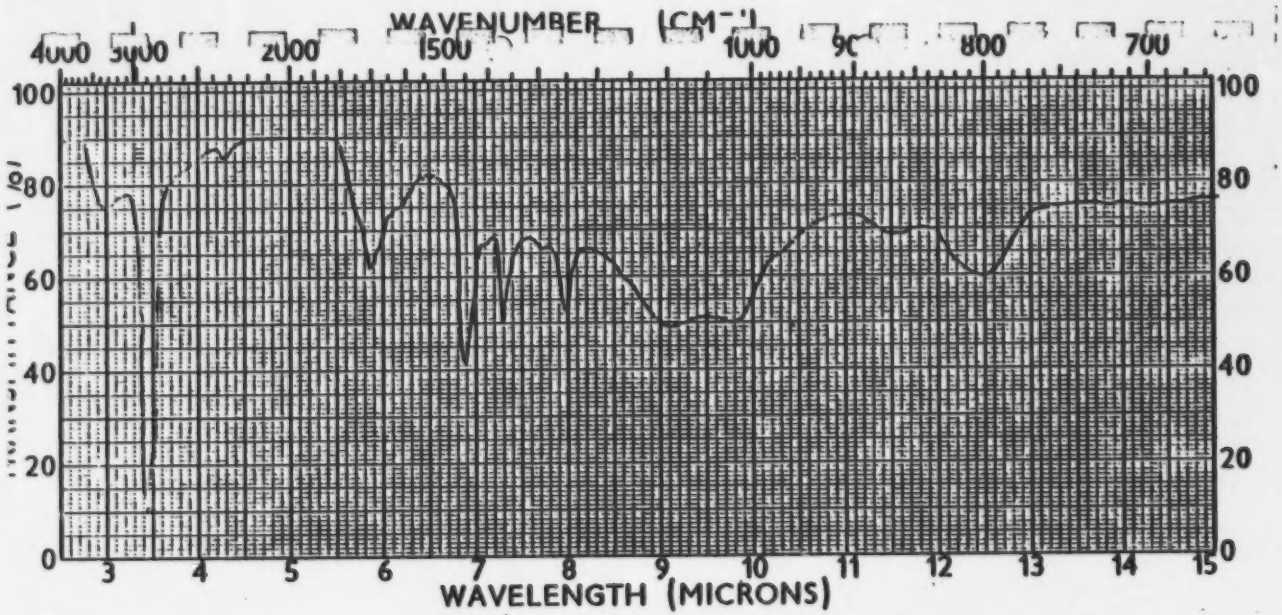
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1151
Sample ID No 15.3.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.92		
3.0	M		
3.5	M		
4.3	W		
5.8	M		
6.2	W		
6.5	W		
6.6	W		
6.85	M		
7.25	M		
7.9	M		
8.9	M		
9.8	M		
11.5	W		
12.5	M		
13.4	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED R SLIT M
SAMPLE	120	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1151	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	15.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

PART NO. 137E-1281

PERKIN-ELMER LIMITED, BEACONSFIELD, BUCKS

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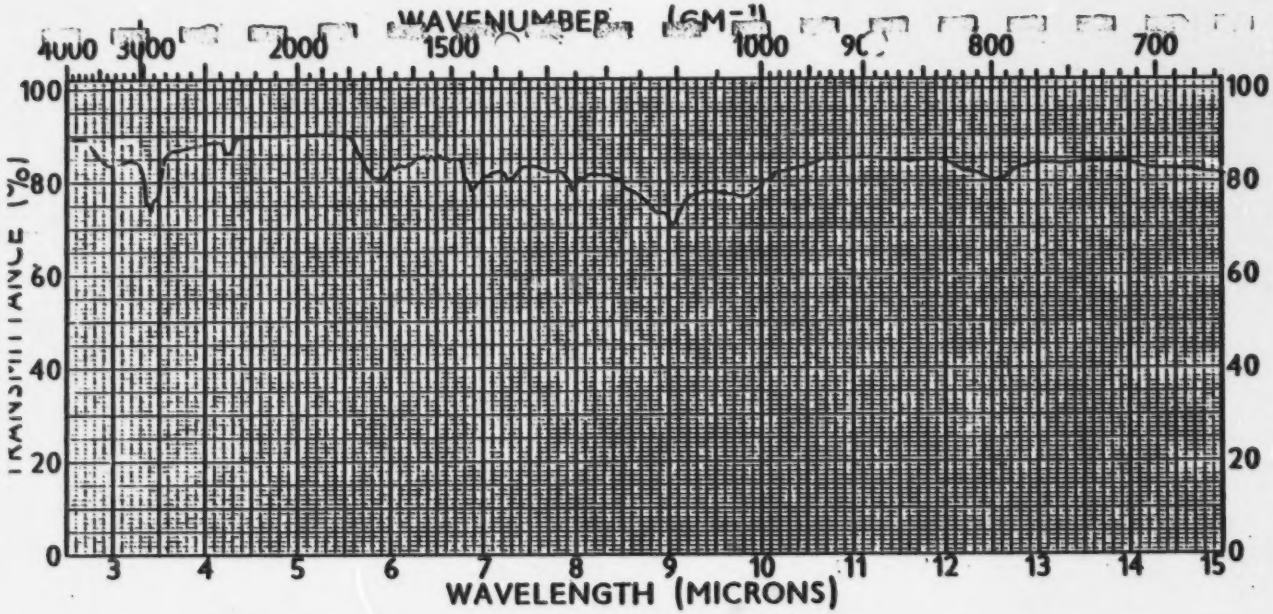
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5 Y
Test sample No 1151-I
Sample ID No 15.3

Talasni broj Wave Number ($cm.^{-1}$)	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.95		
2.9	W		
3.5	M		
4.3	W		
5.9	W		
6.1	W		
6.4	W		
6.9	M		
7.1	W		
7.4	W		
7.7	W		
8.0	W		
9.1	W		
9.8	W		
11.6	W		
12.5	W		
13.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	121	SOLVENT	OPERATOR J.J. DATE VI.1980
TEST No.	1151	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	15.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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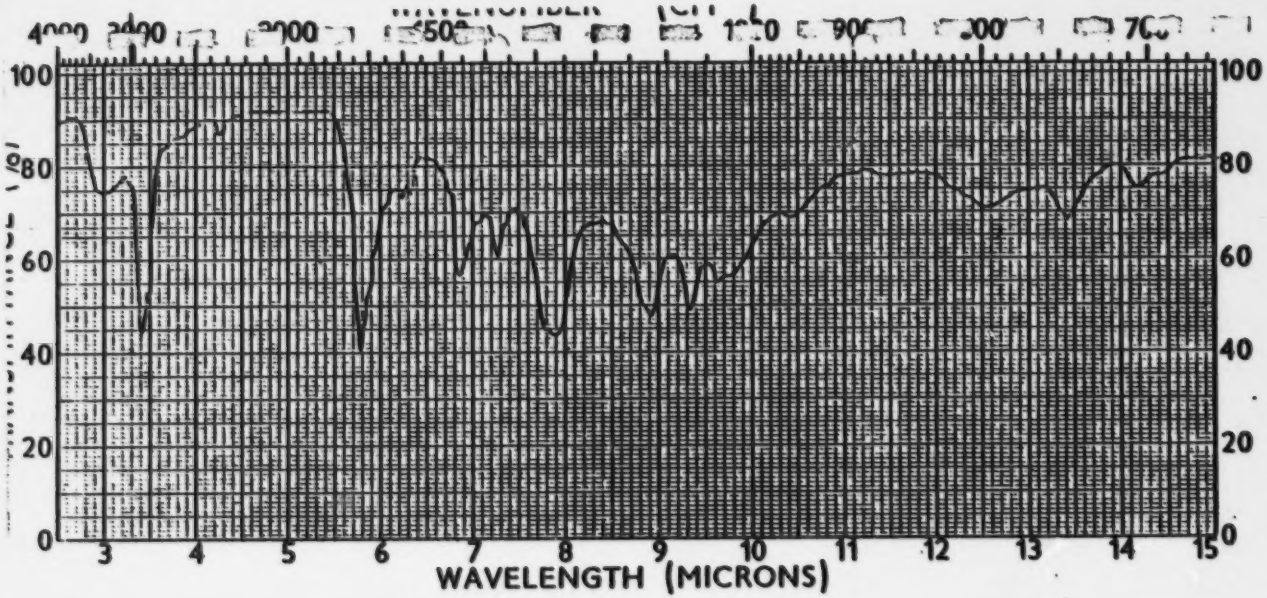
IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JP - 2 - 570 - 5
Test Sample No 1151-II
Sample ID No 15.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.08		
2.9	M		
3.3	S		
3.5	S		
4.2	W		
5.9	M		
6.1	M		
6.4	M		
6.5	M		
6.6	M		
6.9	S		
7.3	M		
7.9	S		
9.1	S		
9.8	M		
12.5	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT H
SAMPLE	122	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1151	CONC.	REMARKS
LO FRACTION	III	CELL PATH	
SAMPLE I.D. No.	15.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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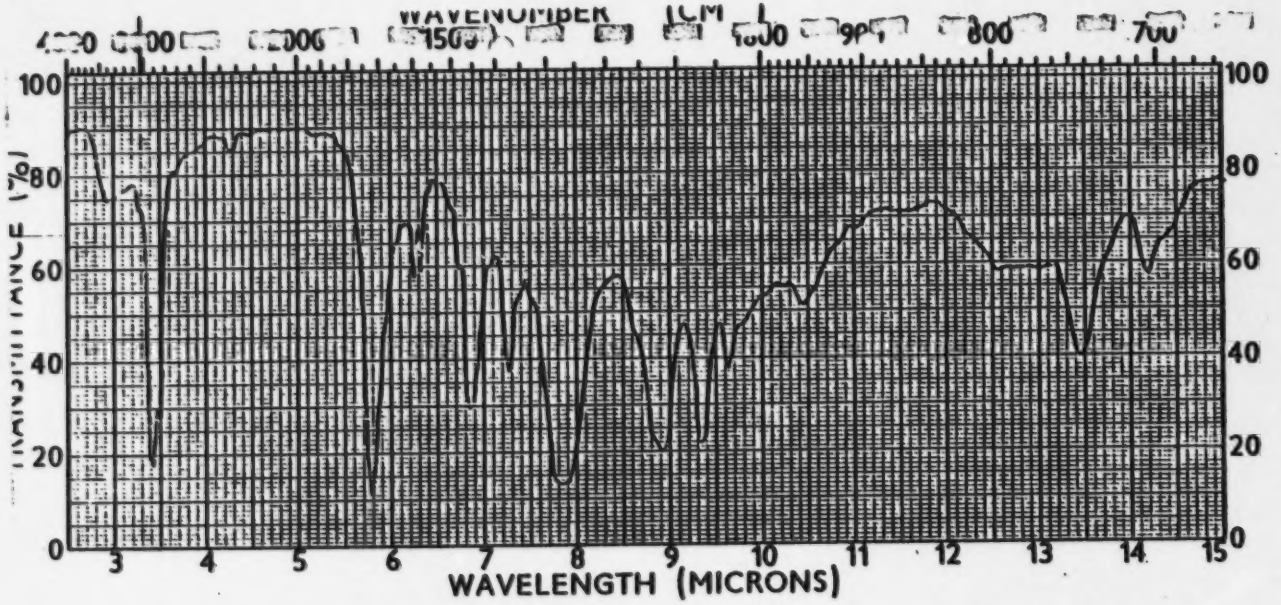
IZVESTAJ IR ANALIZA
IR ANALYSIS REPORT

Customer No JF - 2 - 470 - 5 *
Test sample No 1151-III
Sample ID No 15.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.3		
4.9	W		
5.5	S		
6.2	W		
5.8	S		
6.3	M		
6.4	W		
6.9	M		
7.1	M		
7.3	M		
7.9	S		
8.9	S		
9.3	S		
9.6	S		
10.4	M		
12.5	M		
13.4	M		
14.2	W		



CONTRACT	JF-2-370-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	123	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1151	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	15.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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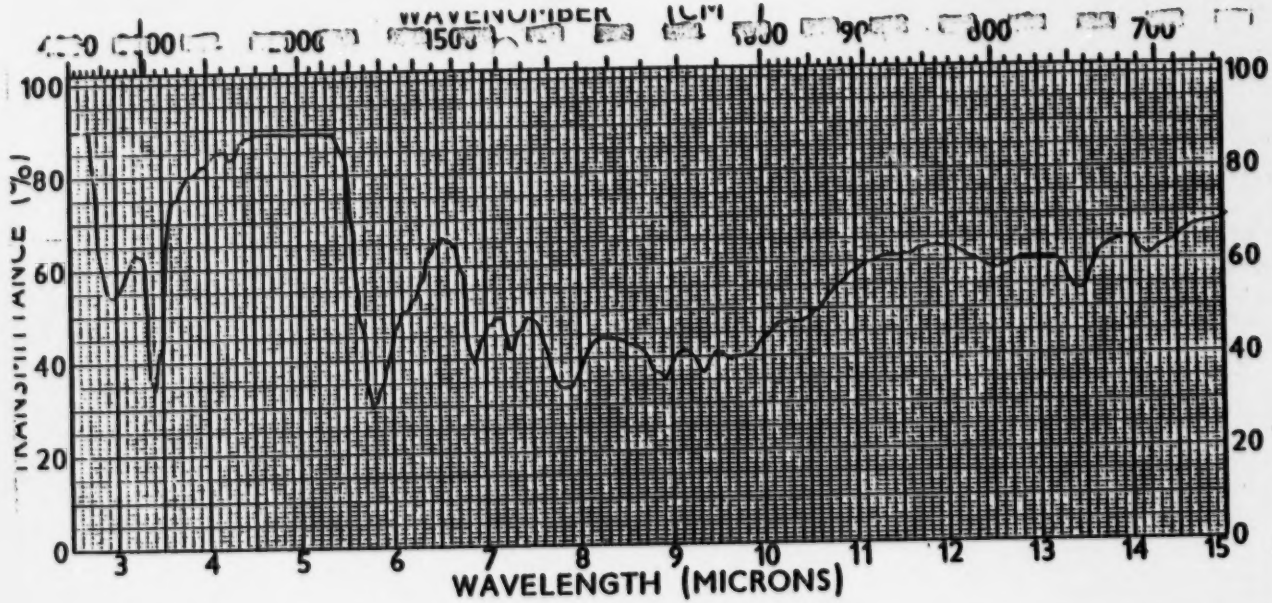
ANALYSIS REPORT

Sample No 1151-IV

Sample No 15.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
2.4	0.69		
2.9	W		
3.5	S		
4.3	W		
5.8	S		
6.2	W		
6.3	W		
6.4	W		
6.5	W		
6.9	S		
7.3	M		
7.9	S		
8.9	S		
9.3	S		
9.6	M		
10.4	M		
11.0	W		
12.5	W		
13.5	M		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	124	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1151	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	15.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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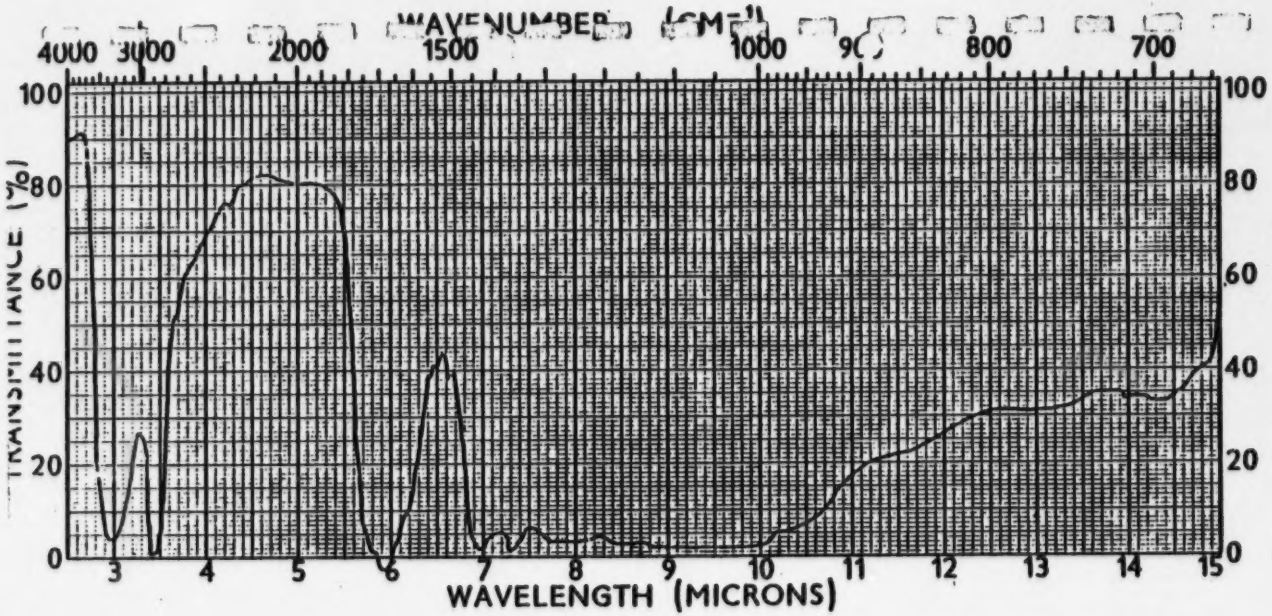
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No. [illegible]
Test Sample No. 1151-V
Sample ID No. 15.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.42		
2.9	M		
3.5	S		
4.2	W		
5.8	S		
6.25	M		
6.3	M		
6.4	M		
6.5	M		
6.9	S		
7.3	S		
7.9	S		
8.9	S		
9.3	S		
12.5	M		
13.4	M		
14.2	M		



CONTRACT	JF-2-570-5		
SAMPLE	125	PHASE	SCAN SPEED 8 SLIT M
TEST No.	1151	SOLVENT	OPERATOR D.J. DATE VI.1980
IC FRACTION	VI	CONC.	REMARKS
SAMPLE I.D. No.	15.3.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

NO.

PART NO. 137E - 1281

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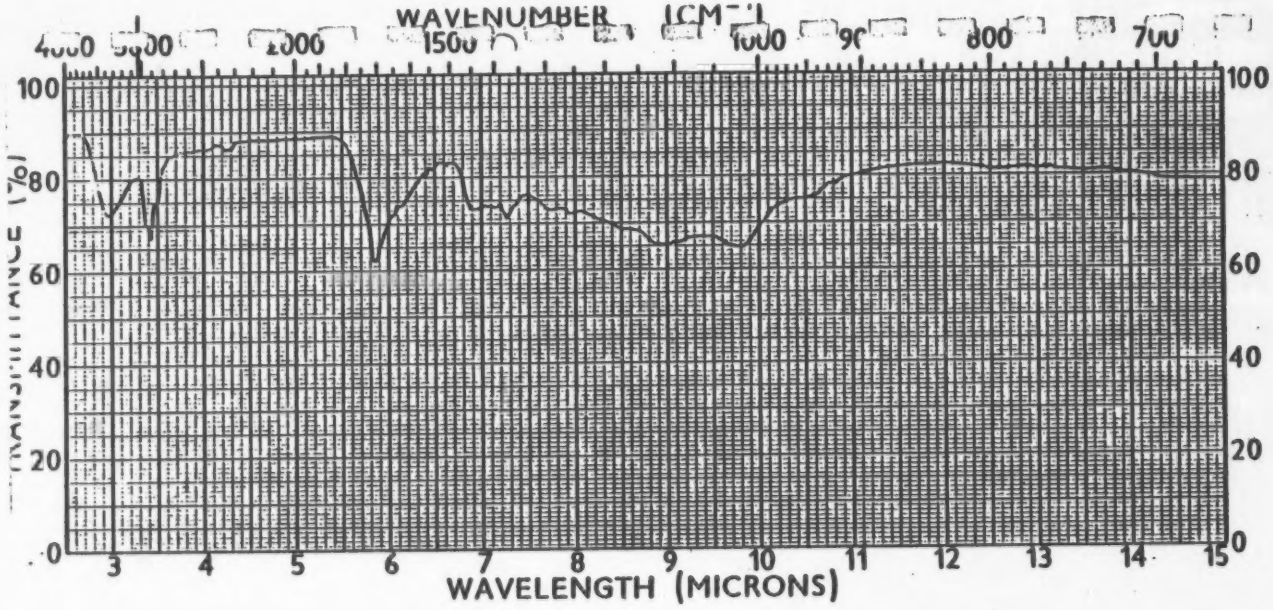
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

INVESTAJ IN ANALIZE
IN ANALYSIS REPORT

[illegible] No JI - 2 - [illegible] - 5
[illegible] No 1151-VI
[illegible] No 15.3

[illegible]	Intenzitet / Intensity	Klasifikacija / Assignment	Komentar / Comments
3.4	1.95		
2.9	S		
3.5	S		
4.2	W		
5.9	S		
6.2	M		
6.4	W		
6.5	W		
6.6	W		
6.9	S		
7.3	S		
14.4	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8	SLIT M
SAMPLE	126	SOLVENT	OPERATOR D.J.	DATE VI.1980
TEST No.	1151	CONC.	REMARKS	
LC FRACTION	VII	CELL PATH		
SAMPLE I.D. No.	15.3.	REFERENCE DIRECT ON WINDOW		
ORIGIN I.N.E.P.				

NO.

PART NO. 137E - 1281

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

[illegible] No. [illegible]
[illegible] Sample No. 1151-VII
Sample ID No. 15.3

[illegible] / [illegible] (cm^{-1})	Intenzitet / Intensity	Klasifikacija / Assignment	Komentar / Comments
3.4	0.12		
2.9	S		
3.5	S		
4.2	W		
5.9	S		
6.4	M		
6.5	M		
6.9	S		
7.3	S		
7.9	S		
8.9	S		
9.8	S		

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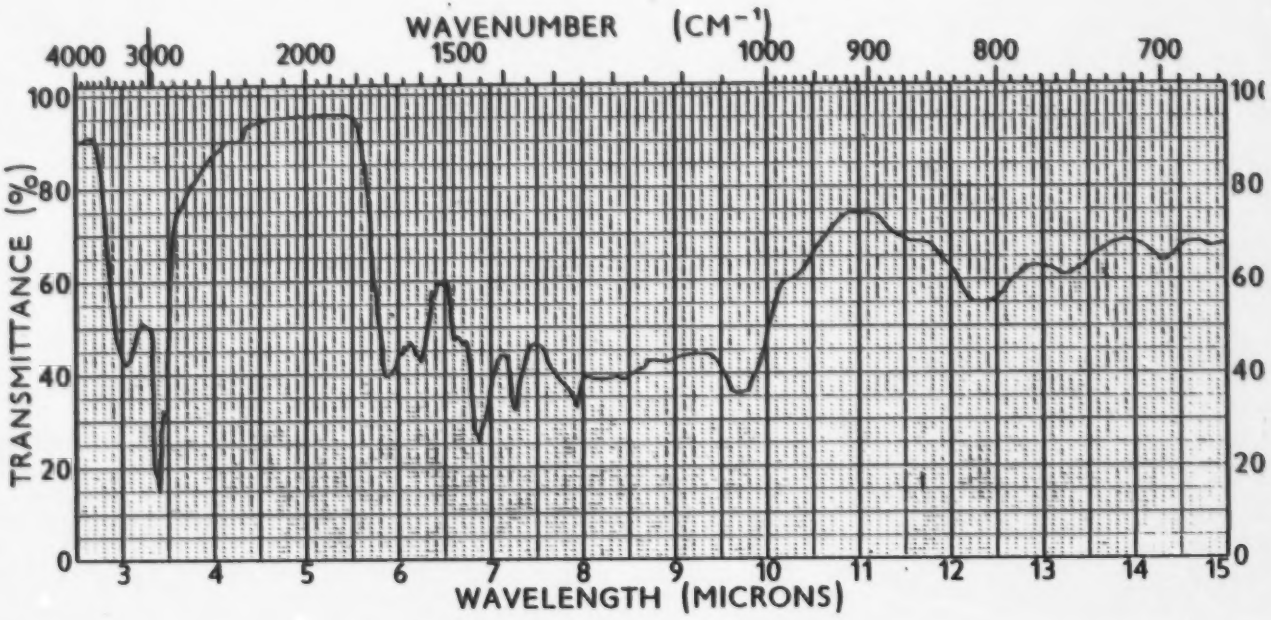
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL
CHEMISTRY

Contract No. JF - 2 - 570 - 5

IR ANALYSIS REPORT

PART II



CONTRACT JF-2-570-5	PHASE	SCAN SPEED S SLIT N	
SAMPLE 19	SOLVENT	OPERATOR D.J. DATE VI.1980.	
TEST No. 1221	CONC.	REMARKS	
SAMPLE I.D.No. 13.1.	CELL PATH		
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW		

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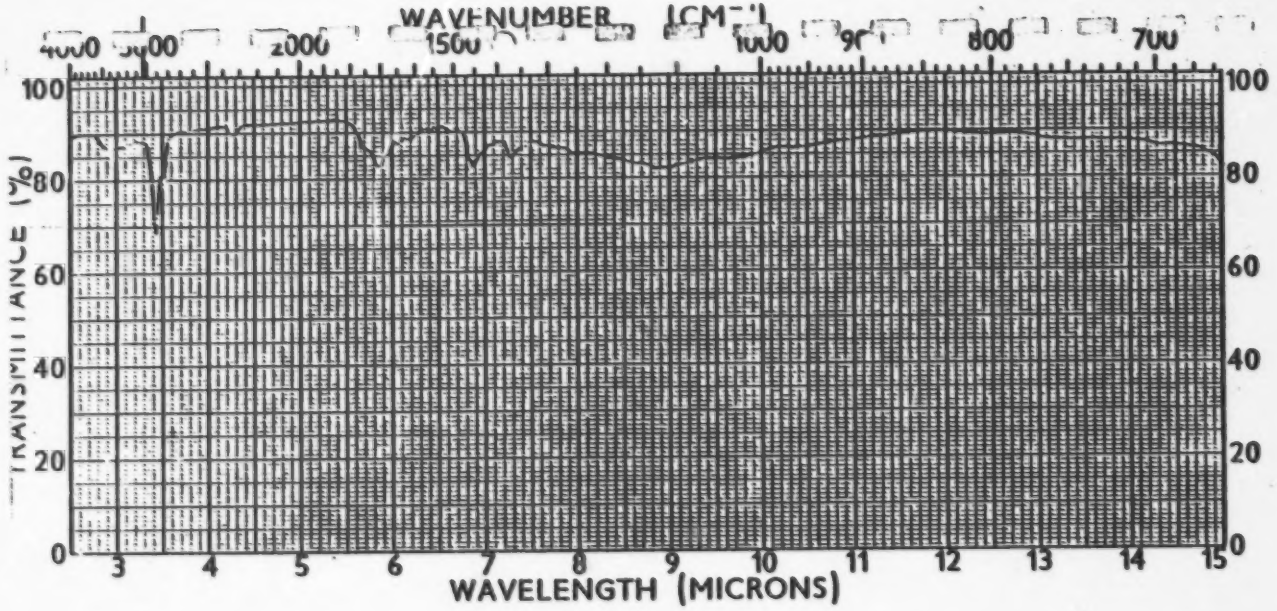
IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1221
Sample ID No 13.1.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.82		
3.0	M		
3.5	M		
5.9	M		
6.25	M		
6.9	S		
7.25	M		
7.9	M		
9.7	M		
11.5	W		
12.35	W		
13.3	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	99	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1221	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

PART NO. 137E - 1281

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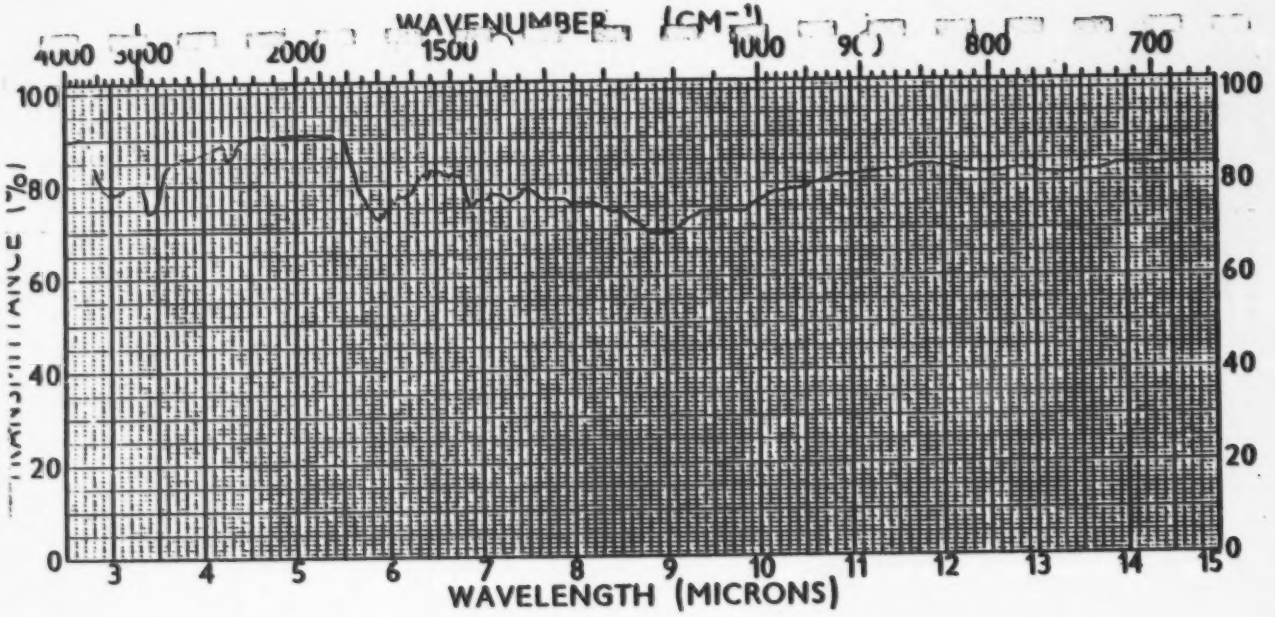
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5 ?
Name sample No 1221-I
Sample ID No 13.1

[illegible]	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.12		
3.9	W		
3.5	M		
4.2	W		
5.8	M		
6.4	W		
6.5	W		
6.9	M		
7.3	W		
8.9	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	100	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1221	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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PART NO. 137E - 1201

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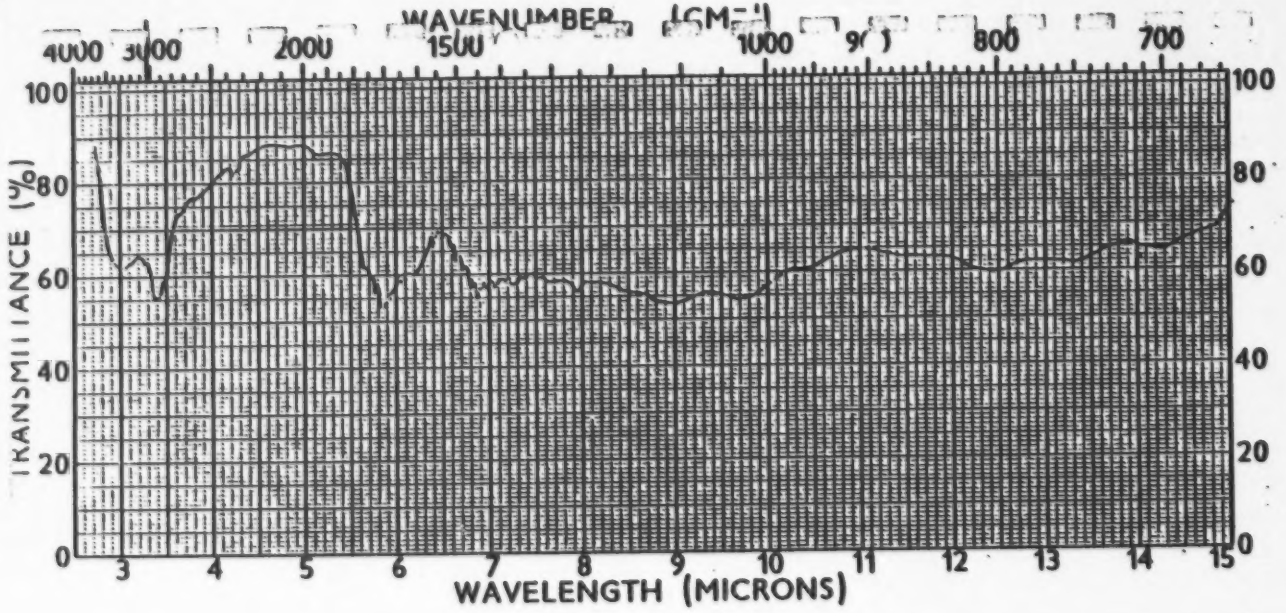
IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1221-II
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.9	0.09		
2.9	M		
3.4	S		
4.2	W		
6.1	S		
6.4	M		
6.5	M		
6.9	S		
7.3	S		
8.0	S		
8.9	S		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	101	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1221	CONC.	REMARKS
IC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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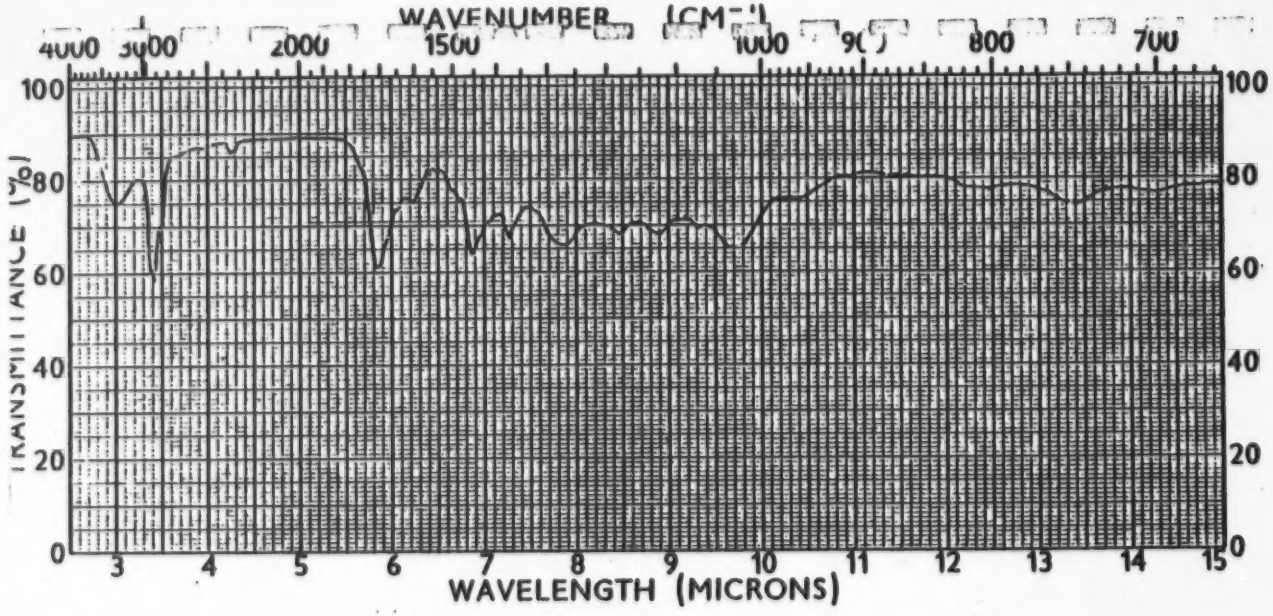
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test Sample No 1221-III
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.21		
2.9	S		
3.5	S		
4.2	W		
5.9	S		
6.1	S		
6.4	M		
6.5	M		
6.9	M		
7.9	S		
8.9	S		
9.8	S		
12.4	S		
13.2	S		
14.2	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	102	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1221	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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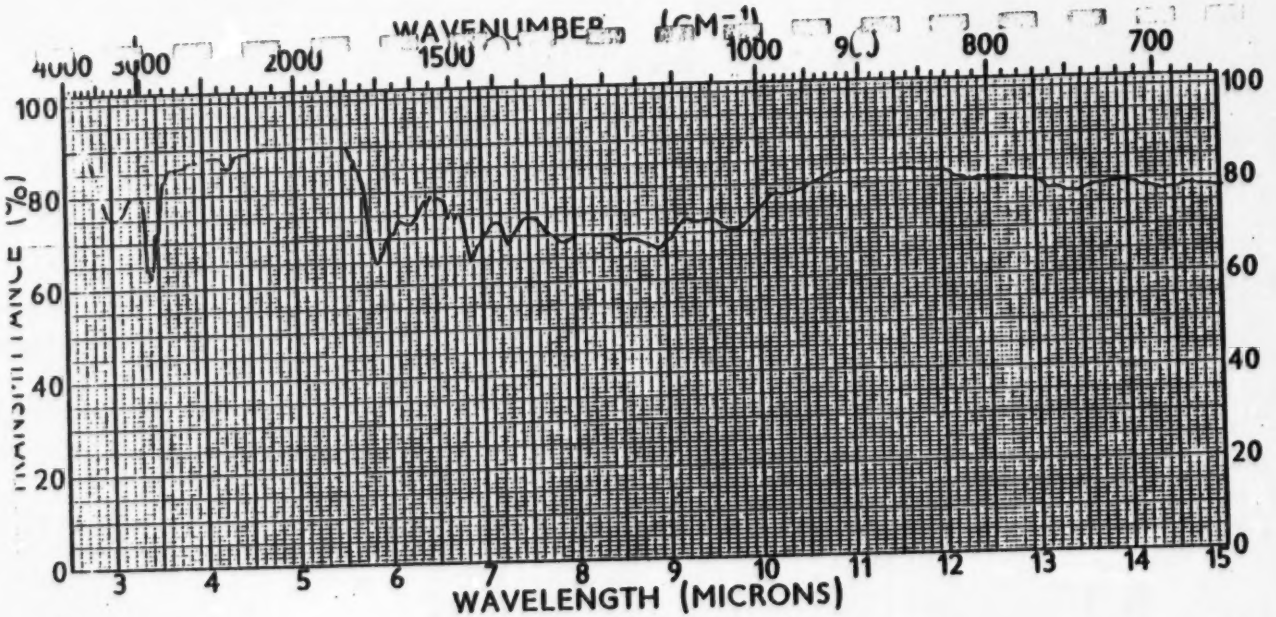
IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test Sample No 1221-IV
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.19		
2.9	M		
3.5	M		
4.2	W		
5.9	S		
6.2	M		
6.4	W		
6.5	W		
6.9	S		
7.3	M		
7.9	S		
8.4	M		
8.9	M		
9.3	M		
9.7	S		
10.4	M		
12.3	M		
13.4	M		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	103	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1221	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.M.E.P.		

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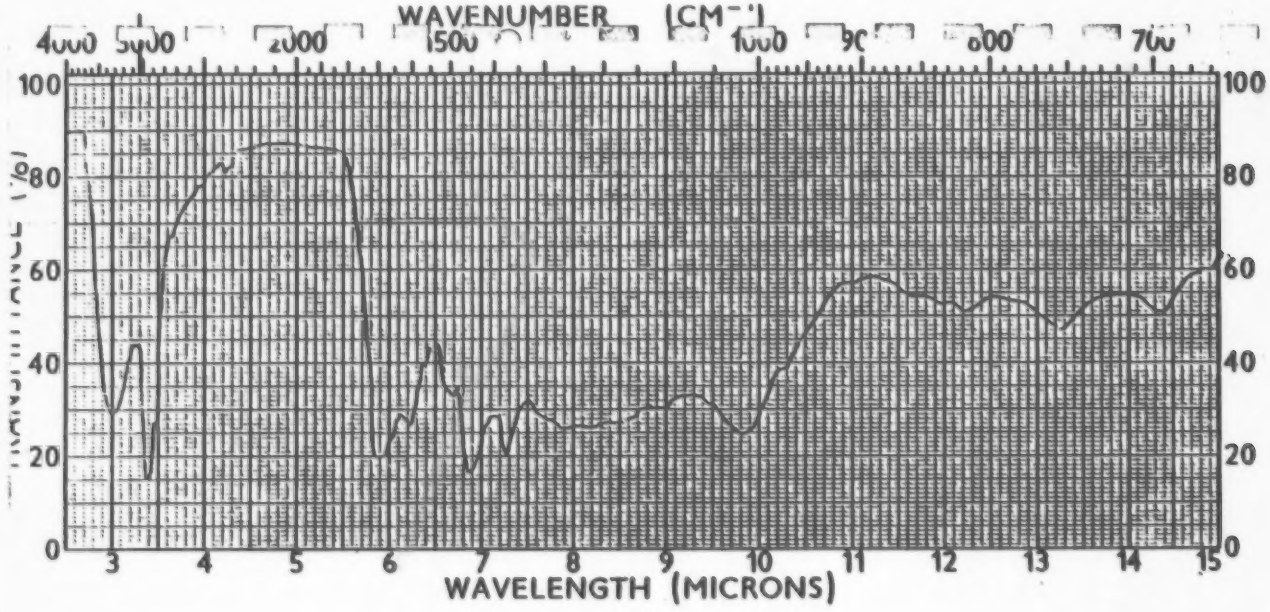
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5 Y
Test Sample No 1221-V
Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.16		
2.9	M		
3.5	M		
4.2	W		
5.9	S		
6.05	M		
6.2	M		
6.4	M		
6.5	M		
6.9	S		
7.2	S		
7.9	S		
8.9	S		
9.7	M		
13.4	M		
14.4	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	104	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1221	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

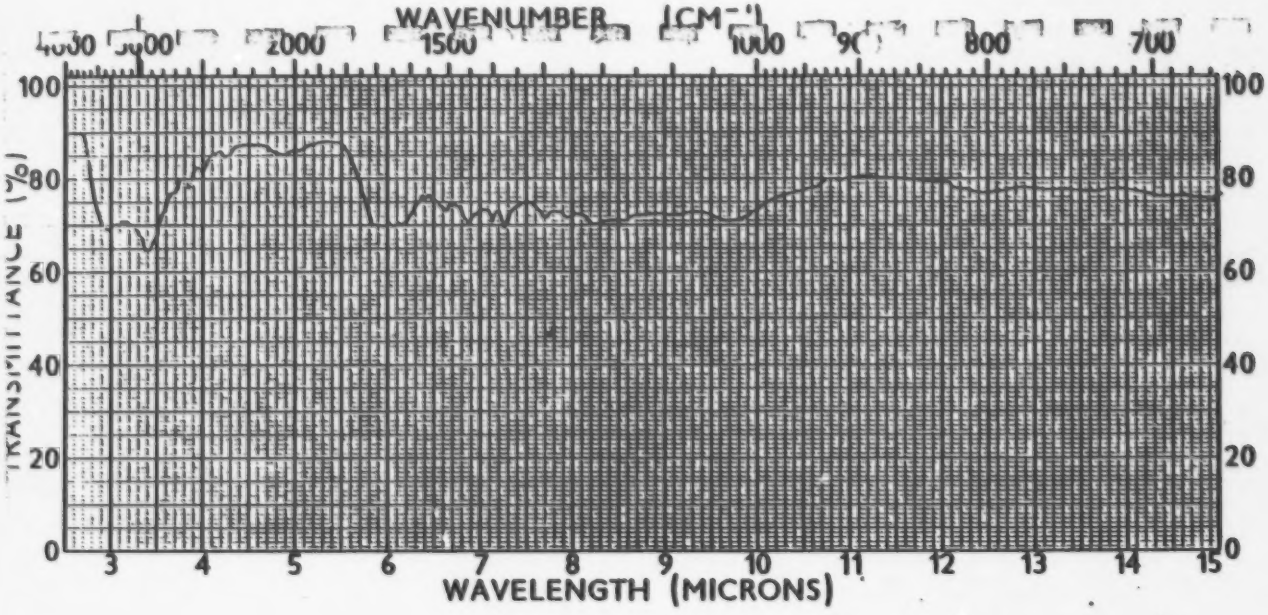
IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5

Test sample No 1221-VI

Sample ID No 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3,4	0.77		
2,9	M		
3,5	M		
4,2	W		
5,9	S		
6,2	M		
6,4	M		
6,5	M		
6,7	M		
6,9	S		
7,3	S		
7,9	S		
9,8	S		
12,2	M		
13,2	M		
14,4	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	105	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1221	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.1.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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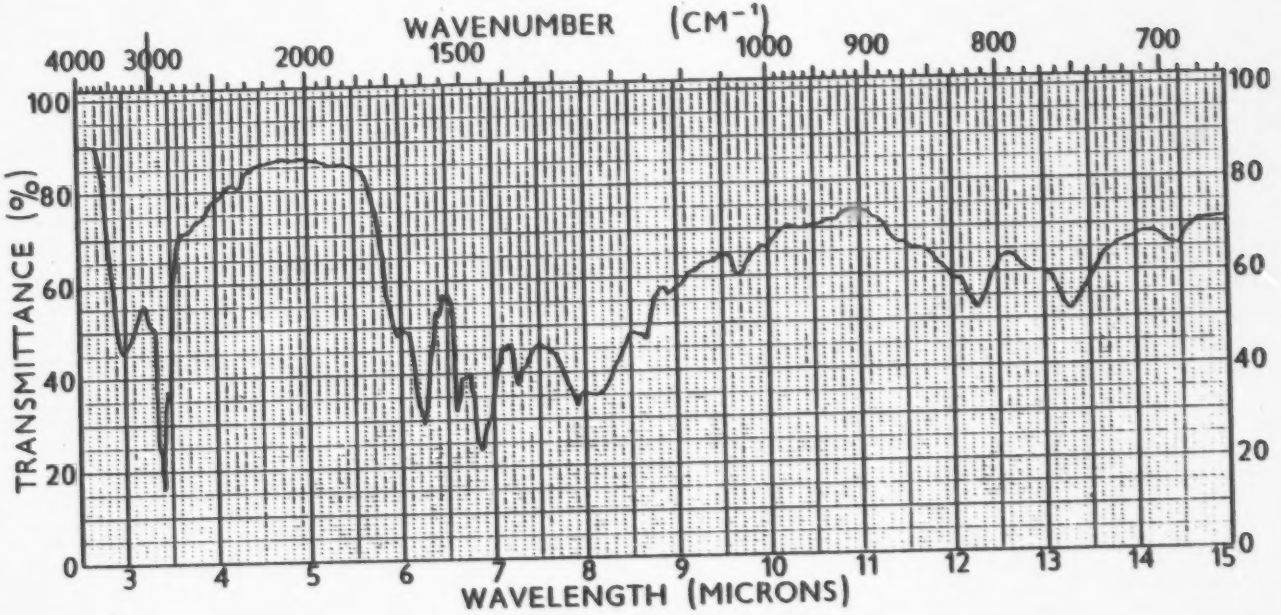
IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Ugovor No. JF - 2 - 570 - 5
Sample No. 1221-VII
Sample ID No. 13.1

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.13		
2.95	S		
3.7	M		
3.85	M		
4.0	W		
4.25	W		
4.9	W		
6.0	S		
6.4	M		
6.5	M		
6.6	M		
6.9	S		
7.1	S		
7.2	S		
7.7	M		
7.9	M		
8.2	S		
9.7	M		
12.5	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	20	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS Figure
SAMPLE I.D.No.	13.7	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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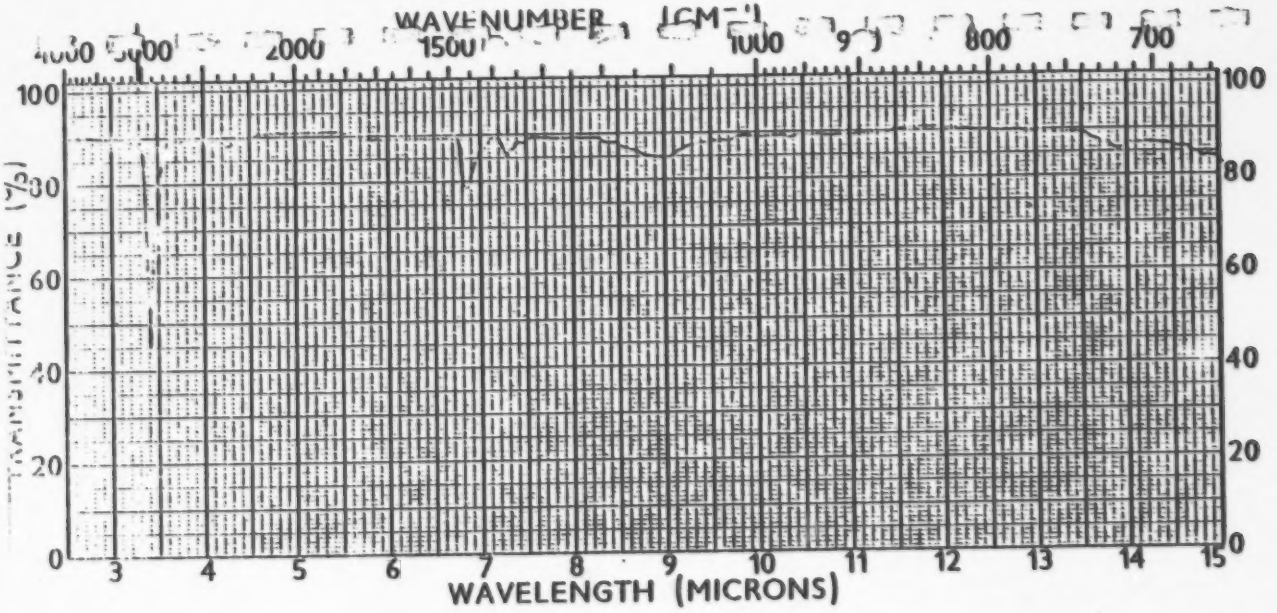
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1142
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.73		
3.0	M		
3.5	M		
5.95	M		
6.25	M		
6.6	M		
6.85	S		
7.25	M		
7.9	M		
8.7	M		
8.9	M		
9.7	W		
10.0	W		
12.3	W		
13.3	W		
14.5	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	36	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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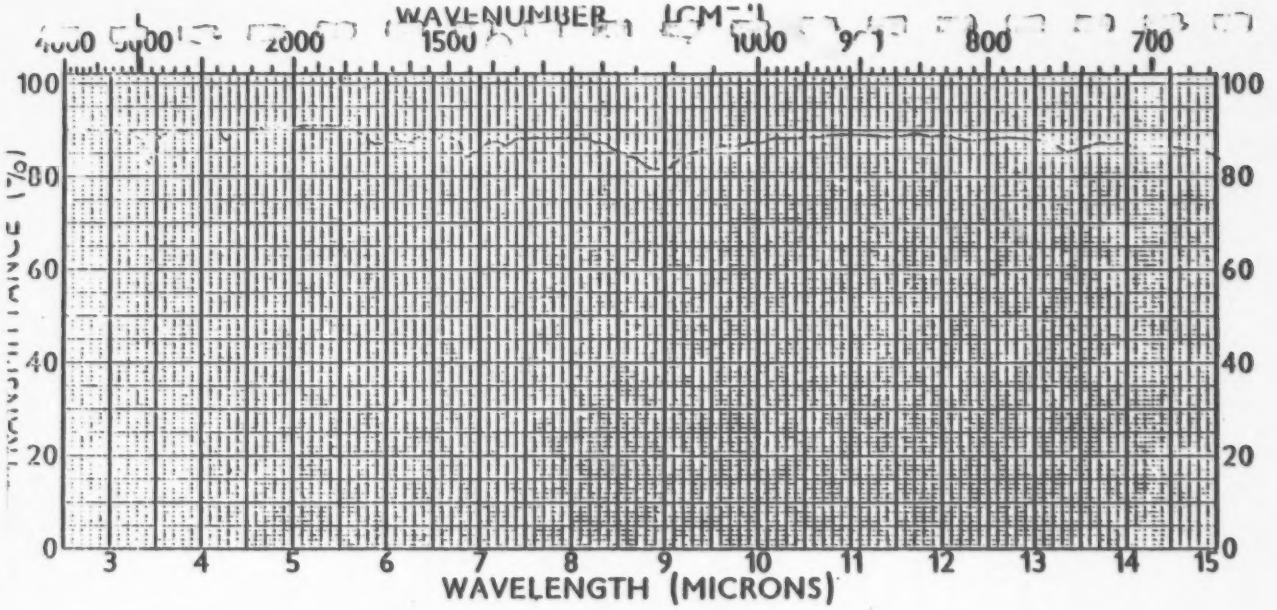
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1142-I
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.30		
3.5	M		
4.25	W		
6.85	W		
7.05	W		
7.3	W		
7.5	W		
9.0	W		
10.35	W		
13.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT M
SAMPLE	37	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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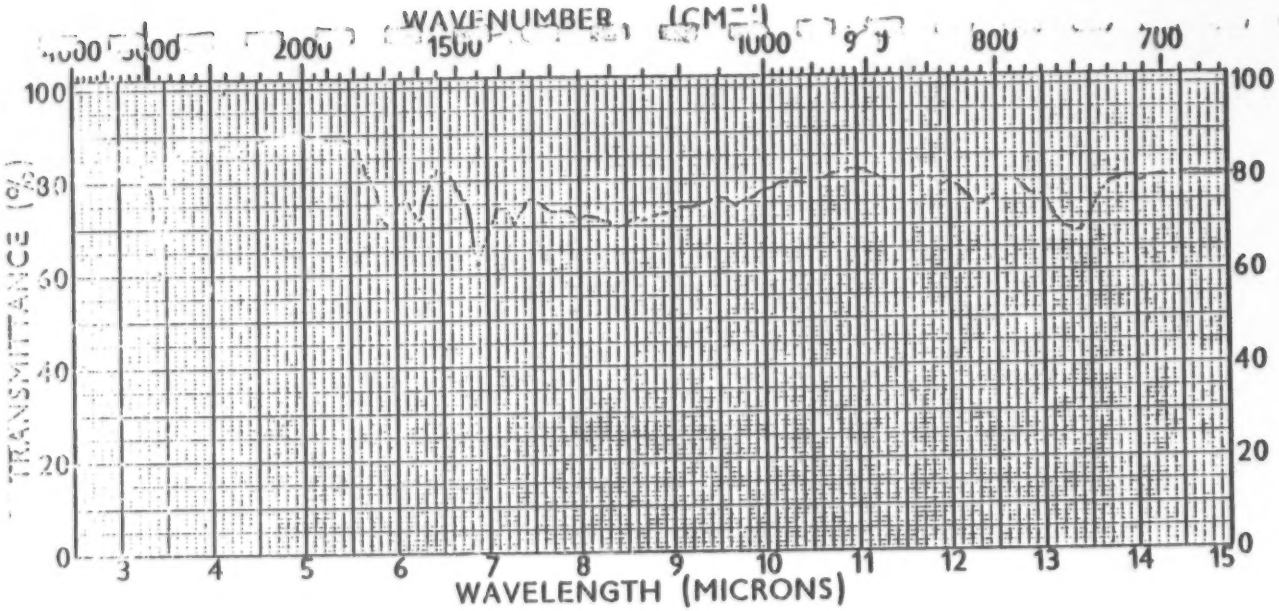
Contract No JF - 2 - 570 - 5
Test sample No 1142-II
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.04		
3.3	W		
3.5	M		
4.25	W		
5.9	M		
6.4	W		
6.5	W		
6.85	S		
7.3	M		
8.9	S		
12.35	W		
13.4	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	38	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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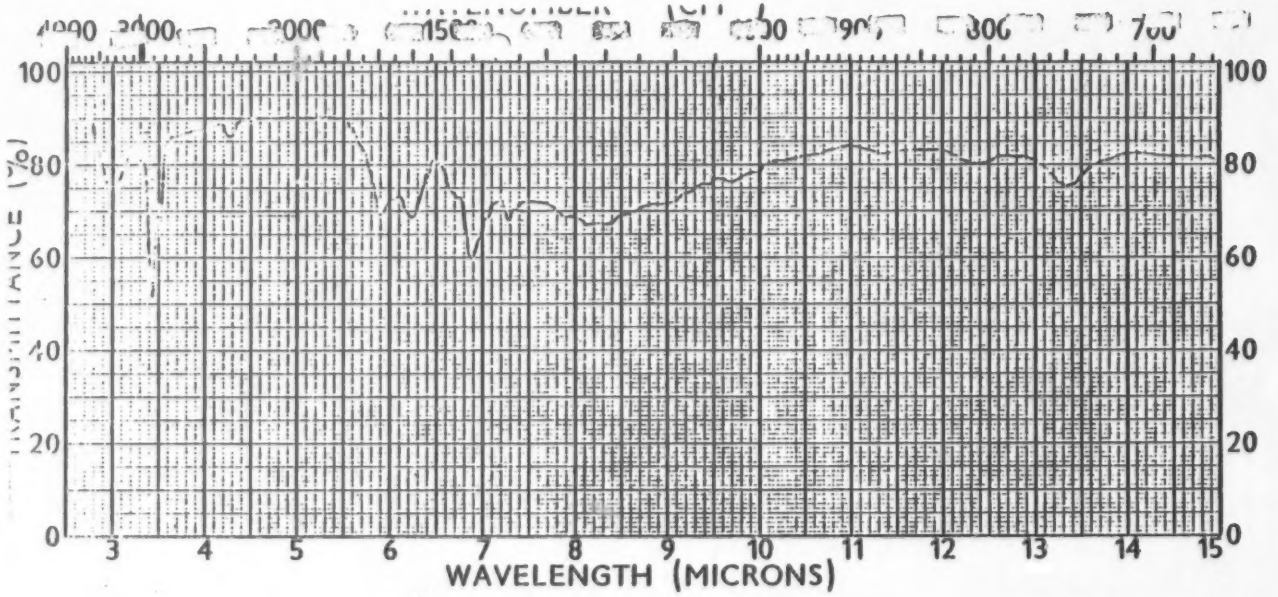
Contract No JF - 2 - 570 - 5
Test sample No 1142-III
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.17		
3.0	W		
3.3	M		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.25	M		
6.4	W		
6.5	W		
6.9	S		
7.3	M		
7.95	M		
8.4	M		
9.7	M		
11.35	M		
11.85	M		
12.3	M		
13.35	S		
14.05	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	39	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS
VC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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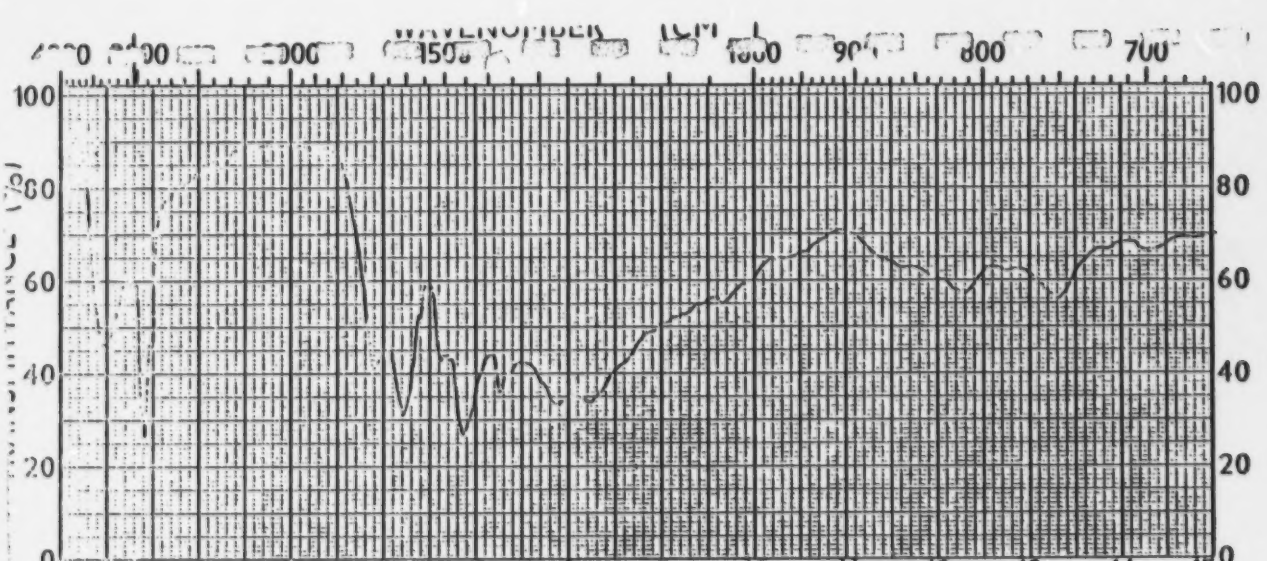
Contract No JF - 2 - 570 - 5
Test sample No 1142-IV
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.23		
3.0	M		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.25	M		
6.4	M		
6.5	W		
6.7	M		
6.9	S		
7.3	M		
9.0	M		
9.7	M		
12.4	W		
13.35	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	40	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS
LO FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			NO.

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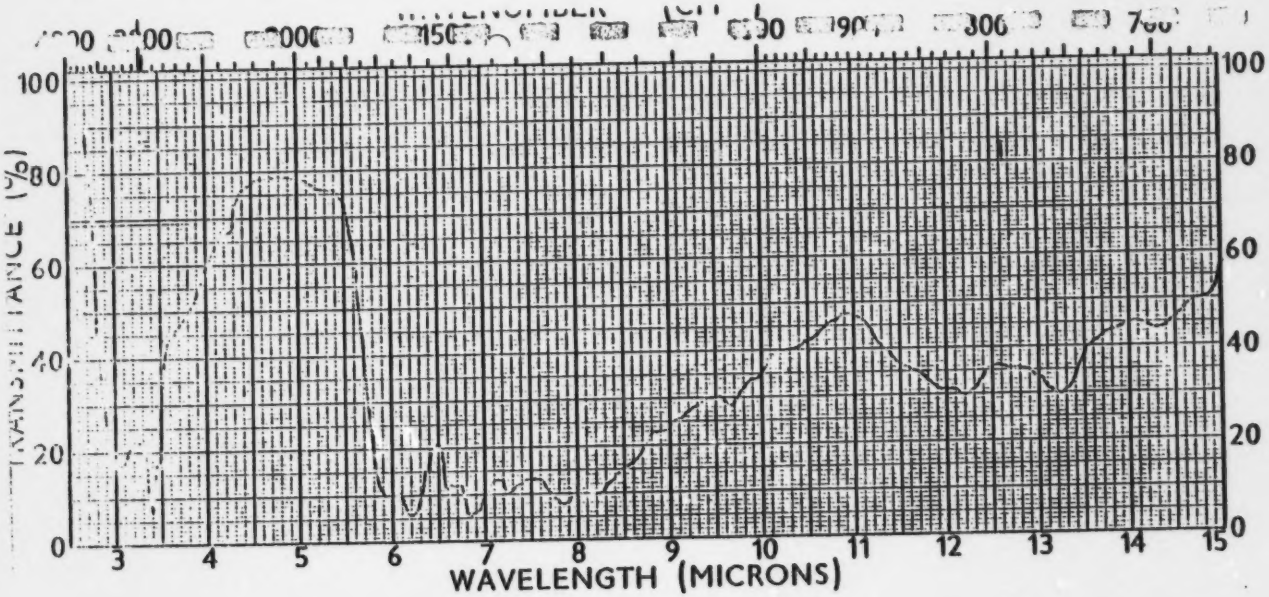
Contract No JF - 2 - 570 - 5
Test sample No 1142-V
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.53		
3.0	M		
3.3	M		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.25	S		
6.4	M		
6.5	M		
6.6	M		
6.85	S		
7.25	S		
7.9	S		
8.25	S		
9.65	M		
10.0	M		
12.3	M		
13.3	M		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	41	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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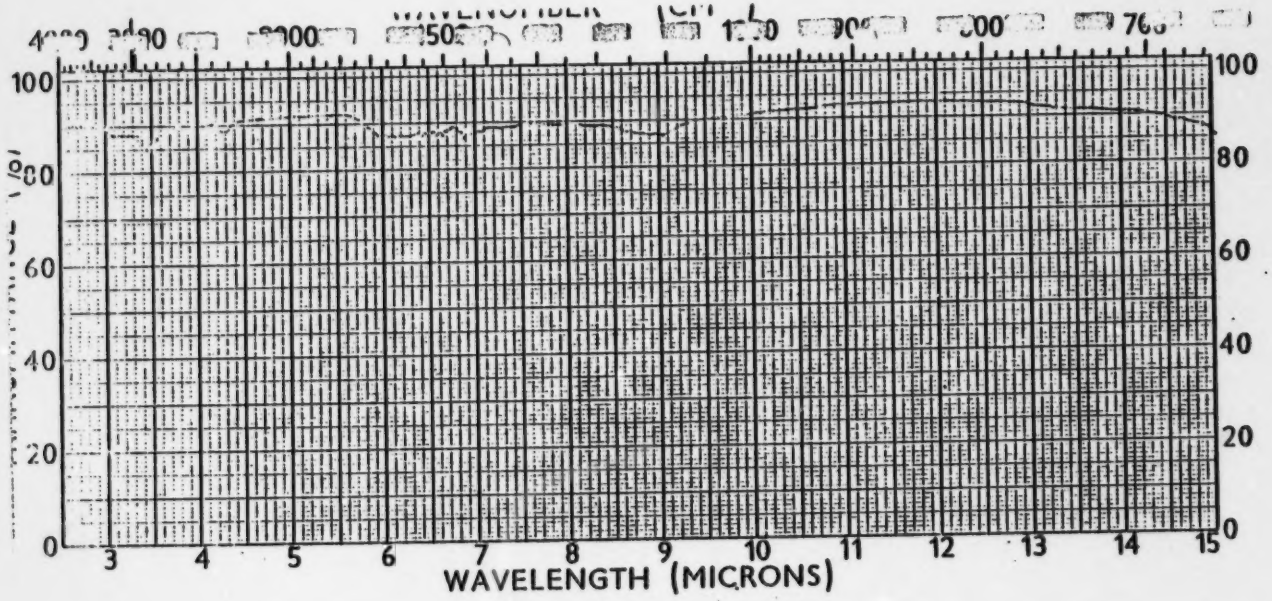
Contract No JF - 2 - 570 - 5
Test sample No 1142-VI
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.10		
3.0	M		
3.3	M		
3.5	M		
3.65	W		
4.2	W		
5.95	S		
6.2	S		
6.4	M		
6.5	M		
6.6	S		
6.85	S		
7.25	S		
7.85	S		
8.2	S		
8.95	M		
9.65	M		
10.0	M		
10.4	M		
12.2	M		
13.25	M		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	42	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1142	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
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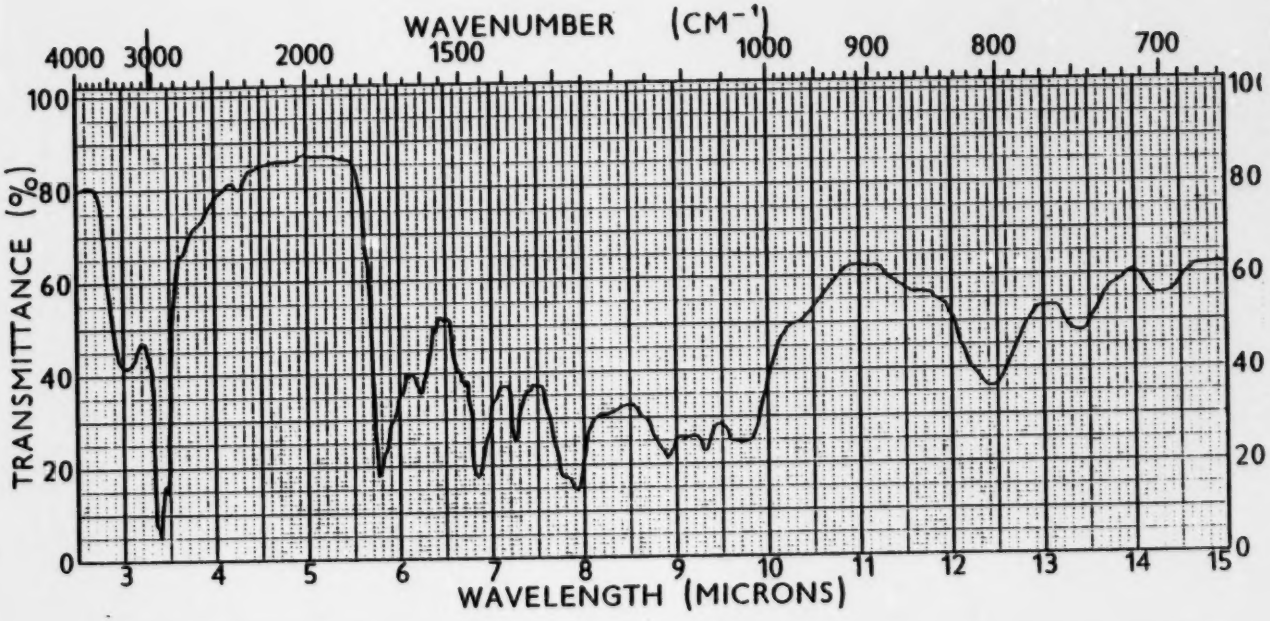
Contract No JF - 2 - 570 - 5
Test sample No 1142-VII
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.45	0.02		
3.55	S		
4.3	W		
6.4	S		
6.5	S		
6.6	S		
6.7	S		
6.9	S		
7.1	M		
9.0	S		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	21	SOLVENT	OPERATOR D.J. DATE VI.1980.
TEST No.	1089	CONC.	REMARKS
SAMPLE I.D.No.	13.6.	CELL PATH	XAD-2 - Gel
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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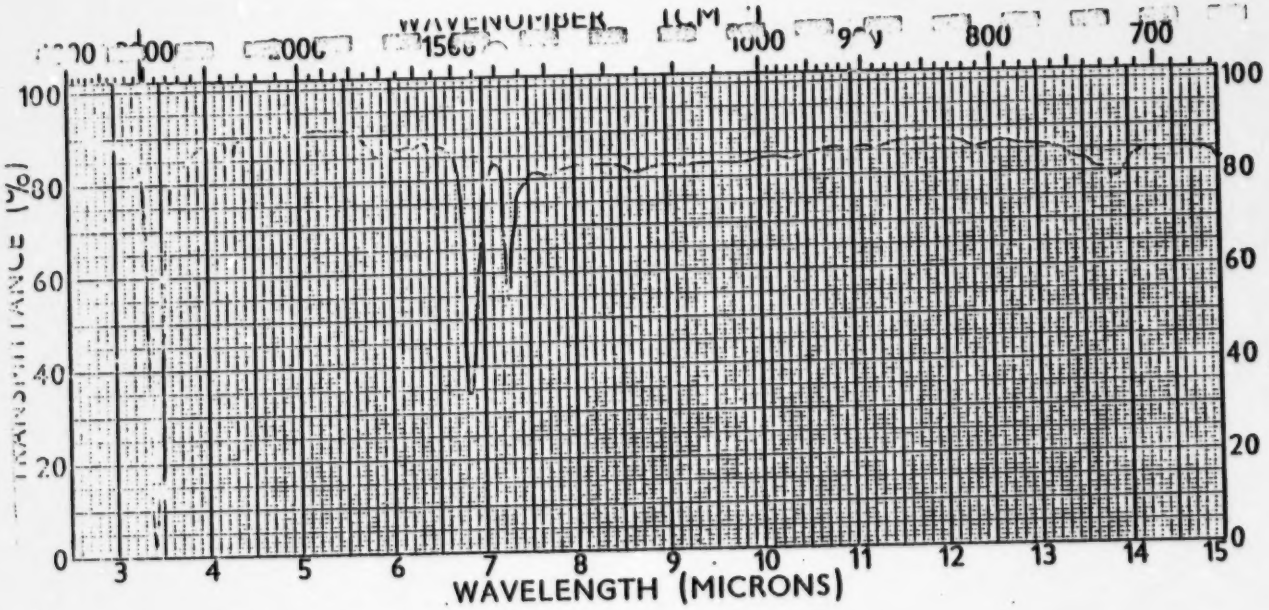
Contract No JF - 2 - 570 - 5
Test sample No 1089
Sample ID No 13.6.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.24		
3.0	W		
3.5	M		
5.8	M		
6.2	M		
6.85	M		
7.25	M		
7.9	M		
8.9	M		
9.3	M		
9.7	M		
12.45	W		
13.4	W		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	43	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1089	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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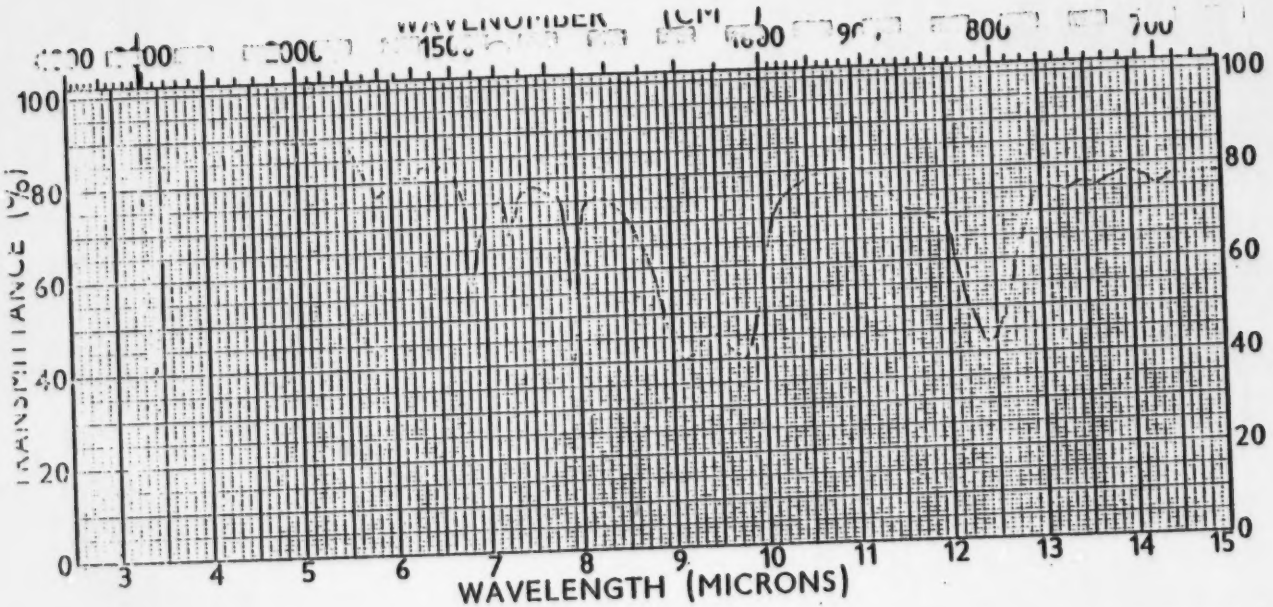
Contract No JF - 2 - 570 - 5
Test sample No 1089-I
Sample ID No 13.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.65		
3.5	M		
4.25	W		
5.85	W		
6.4	W		
6.5	W		
6.85	W		
7.25	W		
7.7	W		
8.65	W		
10.35	W		
11.25	W		
12.3	W		
13.85	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	44	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1089	CONC.	REMARKS Silicone
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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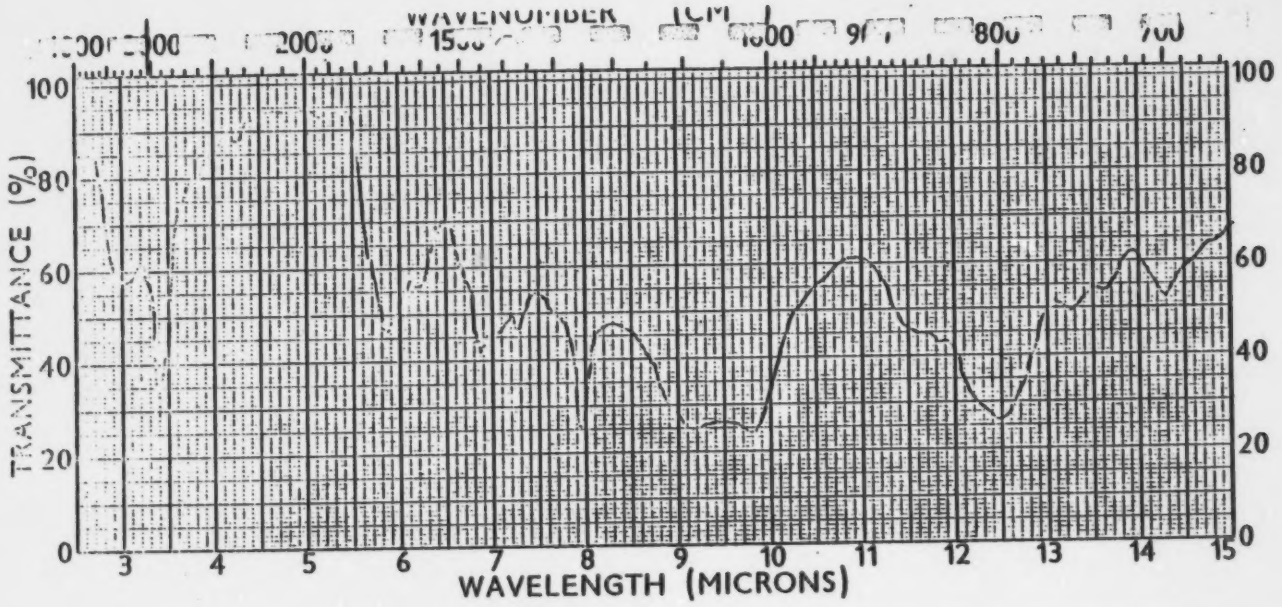
Contract No JF - 2 - 570 - 5
Test sample No 1089-II
Sample ID No 13.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comment
3.4	0.34		
3.0	W		
3.5	S		
4.2	W		
5.85	W		
6.05	W		
6.4	W		
6.5	W		
6.85	M		
7.3	M		
7.9	S		
9.1	S		
9.8	S		
11.8	M		
12.45	S		
13.25	W		
13.6	W		
14.25	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	45	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1089	CONC.	REMARKS
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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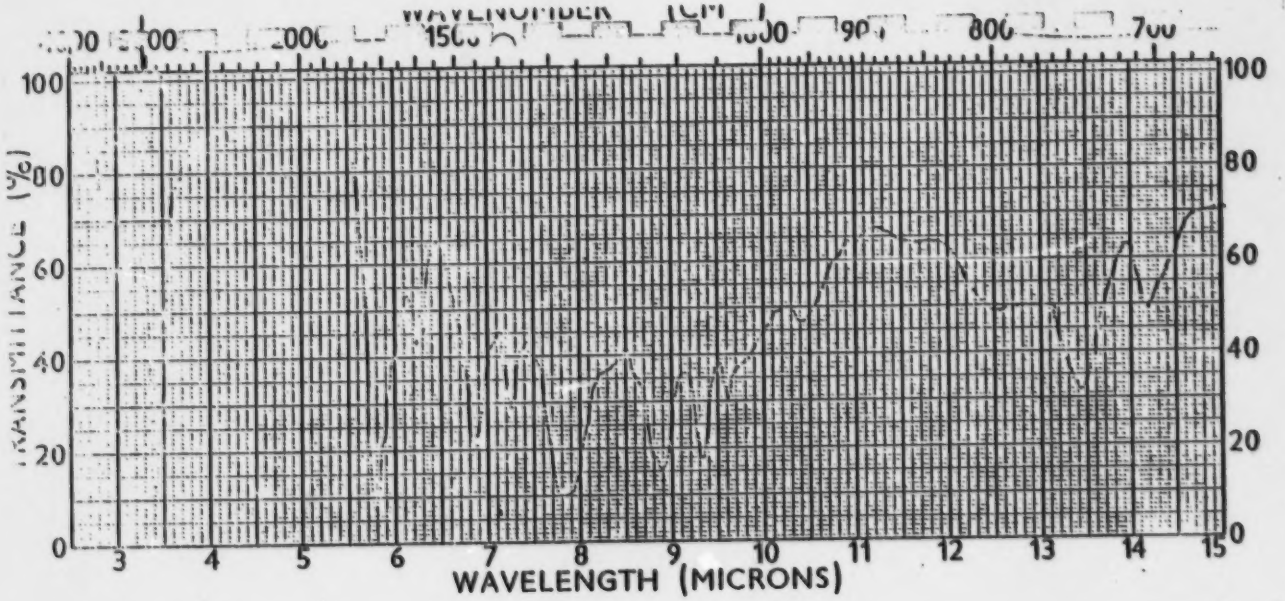
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1089-III
Sample ID No 13.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
7.95	0.57		
3.0	M		
3.3	M		
3.4	S		
3.5	M		
4.25	W		
5.15	W		
5.9	M		
6.05	M		
6.2	M		
6.4	W		
6.5	W		
6.65	M		
6.9	S		
7.0	M		
7.05	M		
7.3	M		
9.15	S		
9.85	S		
11.85	M		
12.5	S		
13.3	M		
13.65	M		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	46	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1089	CONC.	REMARKS Nujol.
LG FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.6.		
ORIGIN	I.H.E.P.	REFERENCE	DIRECT ON WINDOW

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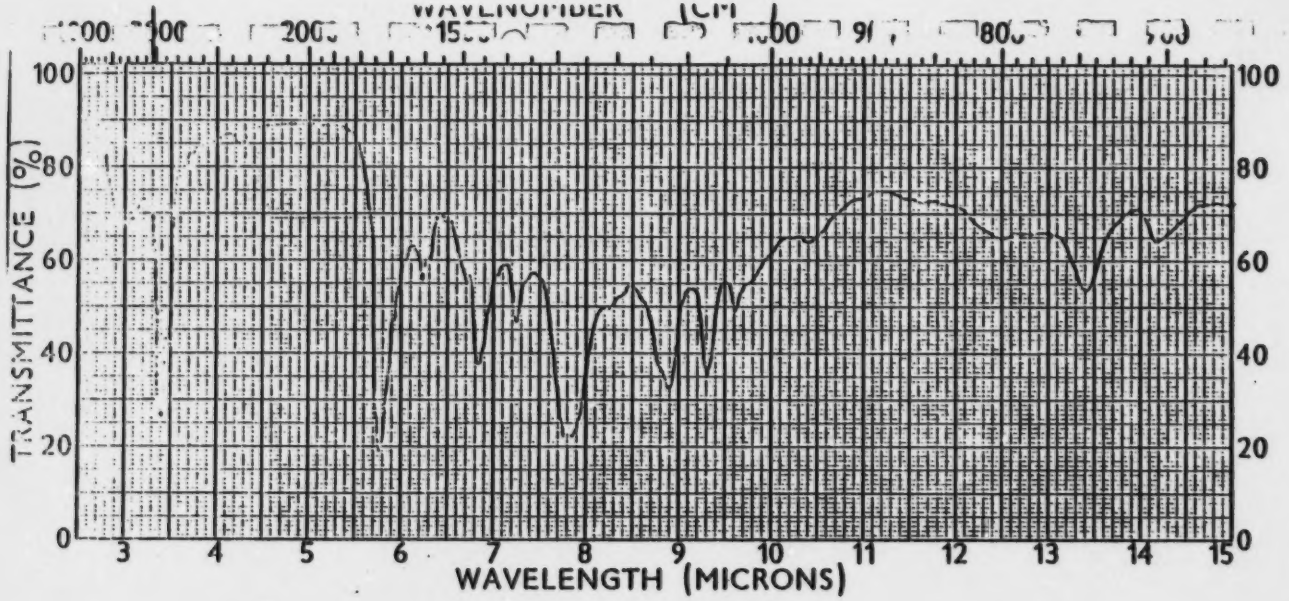
IR - ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1089-IV
Sample ID No 13.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	1.12		
3.0	W		
3.3	W		
3.4	S		
3.5	M		
4.3	W		
5.15	W		
6.25	M		
6.3	W		
6.5	W		
6.7	M		
6.85	M		
7.25	M		
7.85	S		
8.9	M		
9.35	M		
9.6	M		
10.4	W		
11.0	W		
12.5	W		
13.45	M		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	47	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1089	CONC.	REMARKS
TO FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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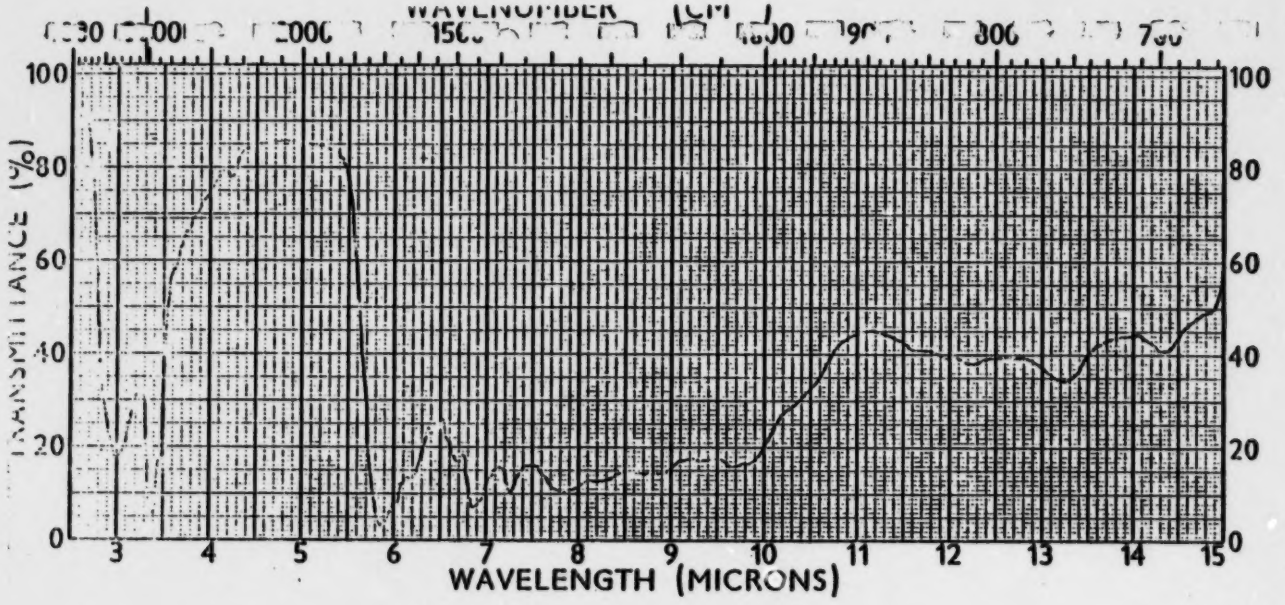
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1089-V
Sample ID No 13.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	0.67		
3.0	W		
3.3	W		
3.4	S		
3.9	M		
3.7	W		
4.25	W		
6.05	W		
6.25	M		
6.3	W		
6.4	W		
6.5	W		
6.7	M		
6.85	M		
7.25	M		
7.8	S		
8.9	M		
9.3	M		
9.6	M		
10.4	W		
12.5	W		
13.4	M		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N	NO.
SAMPLE	48	SOLVENT	OPERATOR D.J. DATE VI.1980	
TEST No.	1089	CONC.	REMARKS	
LC FRACTION	VI	CELL PATH		
SAMPLE I.D. No.	13.6.			
ORIGIN I.I.E.P.		REFERENCE DIRECT ON WINDOW		

PART NO. 137E - 1281

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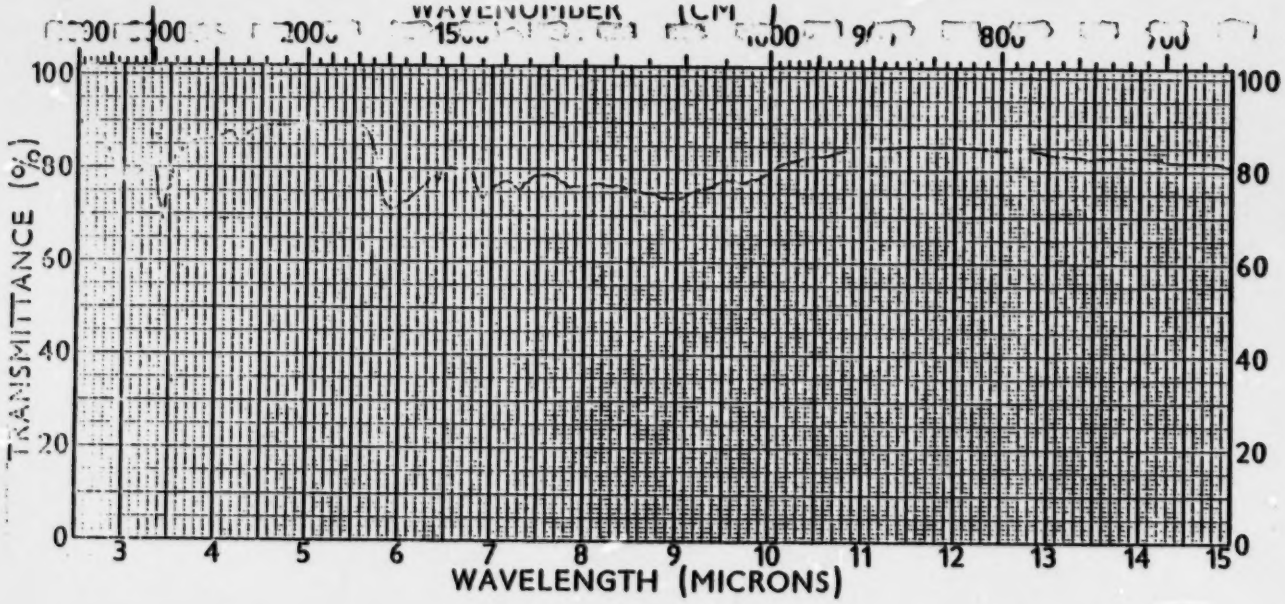
IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1089-VI
Sample ID No 13.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.85	1.45		
3.0	M		
3.4	S		
3.5	M		
4.25	W		
6.05	S		
6.2	M		
6.4	M		
6.5	M		
6.7	M		
6.85	S		
7.25	M		
7.85	M		
9.7	M		
12.25	W		
13.2	M		
14.3	W		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	49	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1089	CONC.	REMARKS
IC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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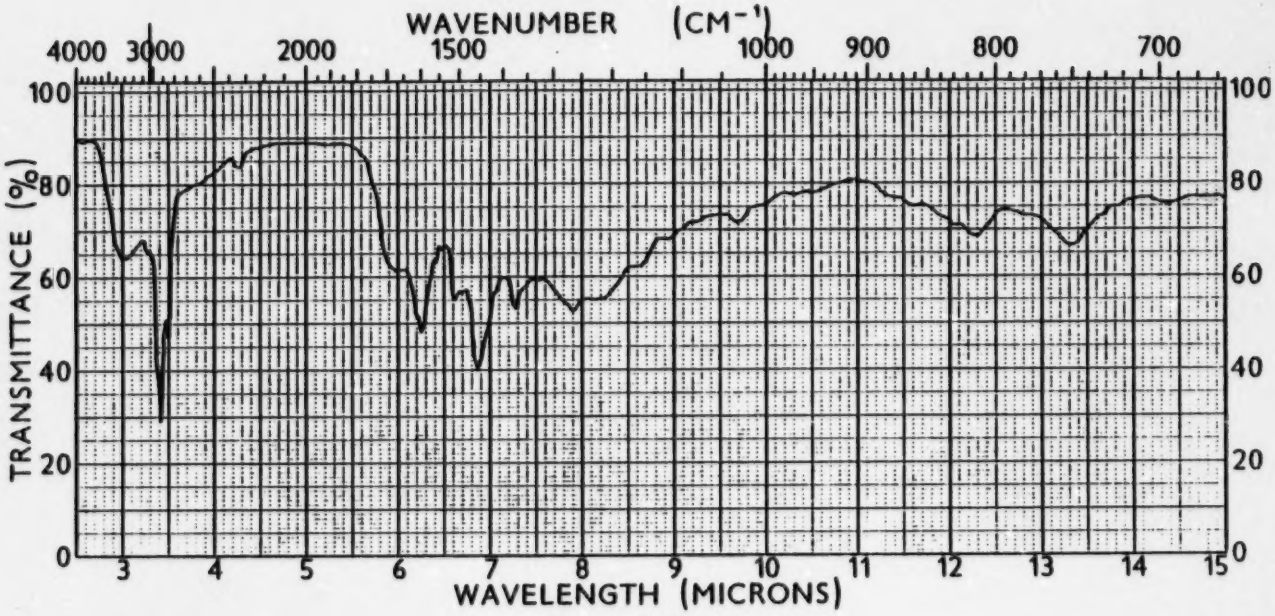
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1089-VII
Sample ID No 13.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intens.	Klasifikacija Assignment	Komentar Comments
3.4	0.11		
3.0	M		
3.5	S		
4.25	W		
5.9	S		
6.4	M		
6.5	M		
6.9	S		
7.0	S		
7.1	M		
7.3	S		
7.9	M		
8.9	S		
9.7	M		



CONTRACT JF-2-570-5	PHASE	SCAN SPEED S SLIT N	
SAMPLE 22	SOLVENT	OPERATOR D.J. DATE VI.1980	
TEST No. 1143	CONC.	REMARKS Liquid	
SAMPLE I.D.No. 13.7.	CELL PATH		
ORIGIN I.M.E.P.	REFERENCE DIRECT ON WINDOW		

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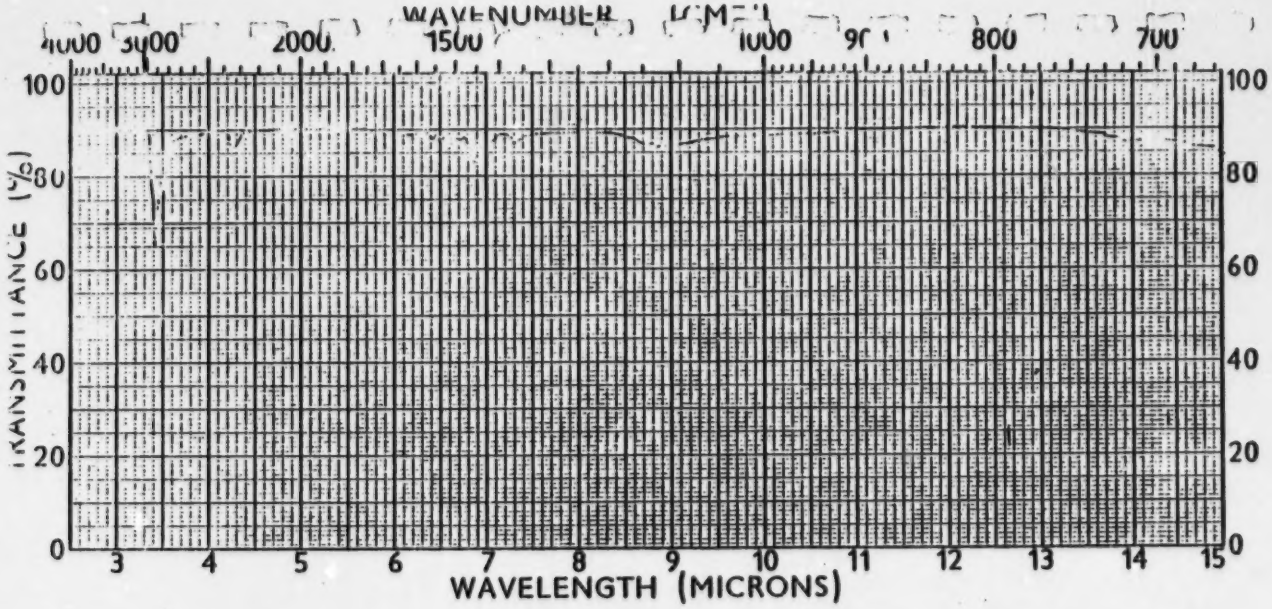
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1143
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.50		
3.0	W		
3.5	M		
6.0	M		
6.25	M		
6.6	M		
6.85	M		
7.3	M		
7.9	M		
9.7	W		
12.3	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	64	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1143	CONC.	REMARKS
IG FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			NO.

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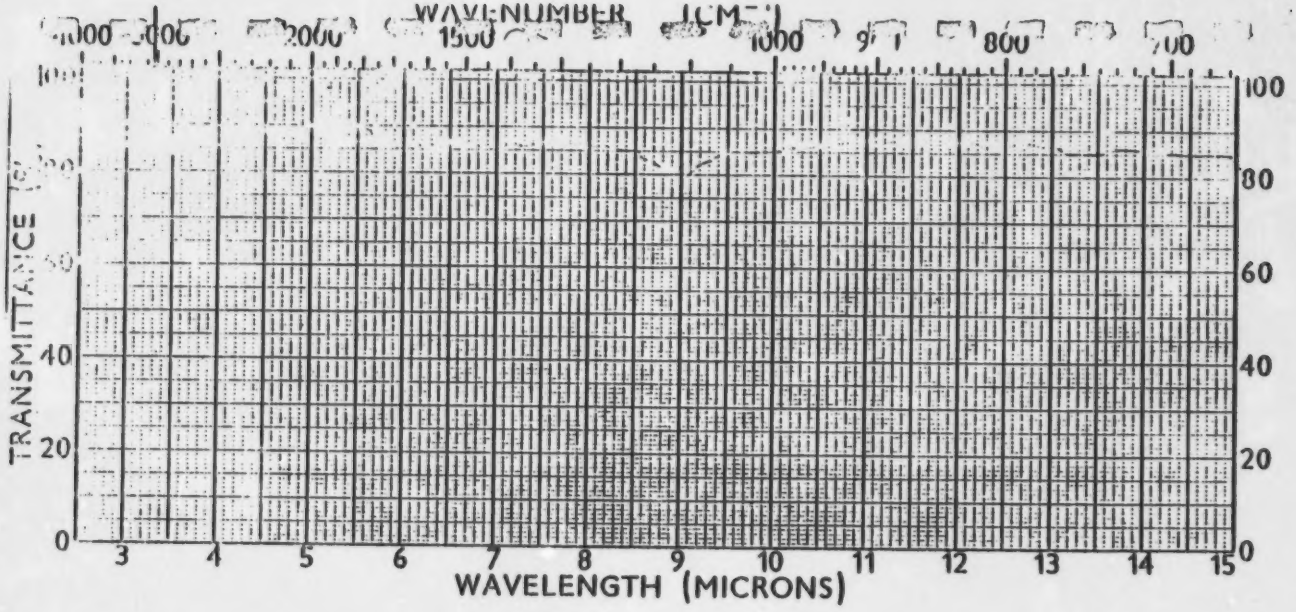
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1143-I
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.13		
3.5	M		
4.25	W		
6.0	W		
6.4	W		
6.5	W		
6.65	W		
6.9	W		
7.0	W		
7.1	W		
7.3	W		
9.0	W		



CONTRACT	JP-2-570-5	PHASE	SCAN SPEED 8	SLIT N
SAMPLE	65	SOLVENT	OPERATOR D.J.	DATE VI.1980
TEST No.	1143	CONC.	REMARKS	
IC FRACTION	II	CELL PATH		
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW		
ORIGIN	T.H.E.P.			

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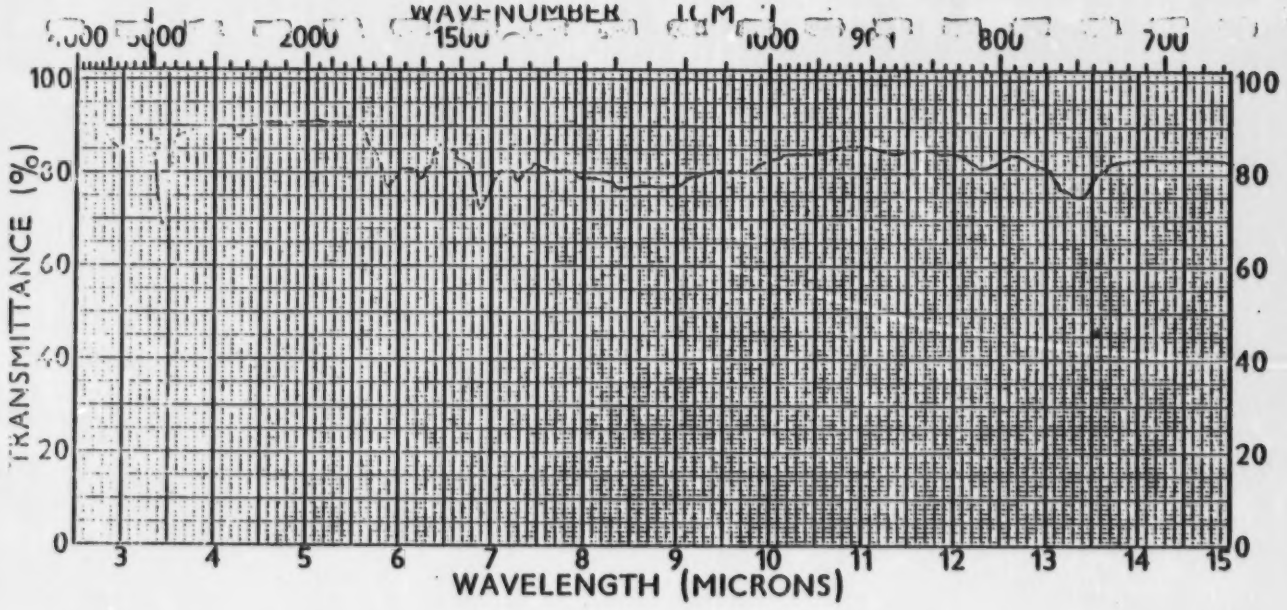
Contract No JF - 2 - 570 - 5
Test sample No 1143-II
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
9.0	0,05		
3.0	W		
3.4	S		
3.5	M		
4.25	M		
5.7	W		
5.8	M		
6.0	M		
6.4	M		
6.5	M		
6.6	M		
7.0	M		
7.3	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	66	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1143	CONC.	REMARKS
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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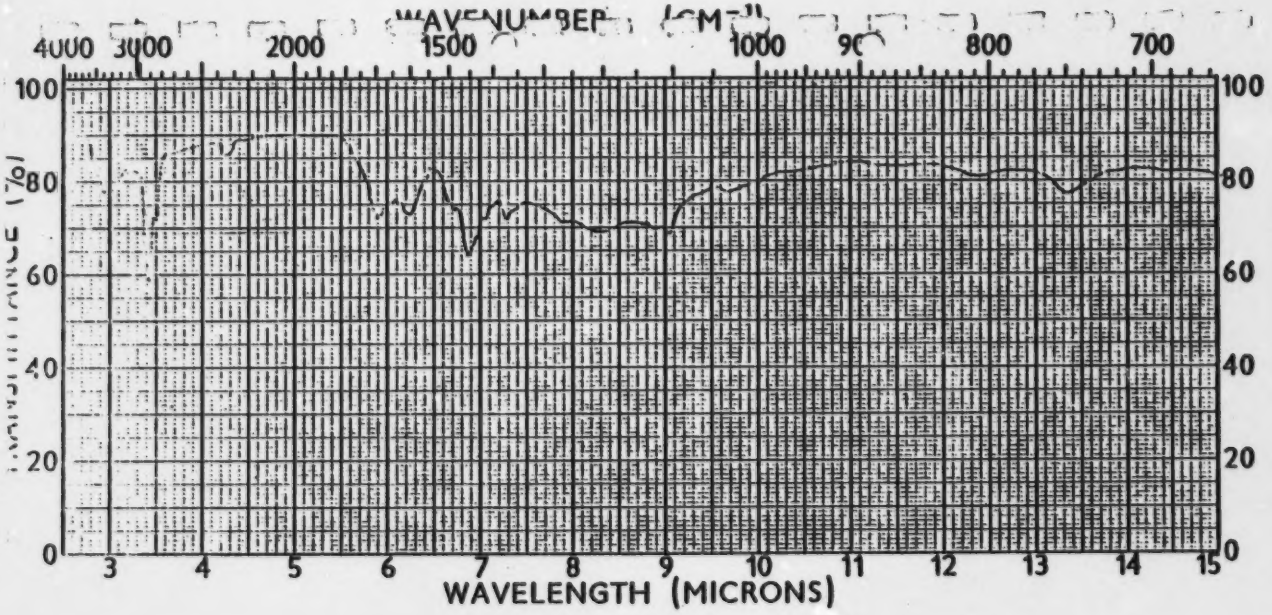
Contract No JF - 2 - 570 - 5
Test sample No 1143-III
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0,12		
3.0	W		
3.3	M		
3.5	M		
4.25	W		
5.9	M		
6.25	M		
6.4	W		
6.5	W		
6.9	S		
7.3	M		
7.9	M		
8.4	M		
12.3	M		
13.4	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	67	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1143	CONC.	REMARKS liquid almost no [illegible]
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

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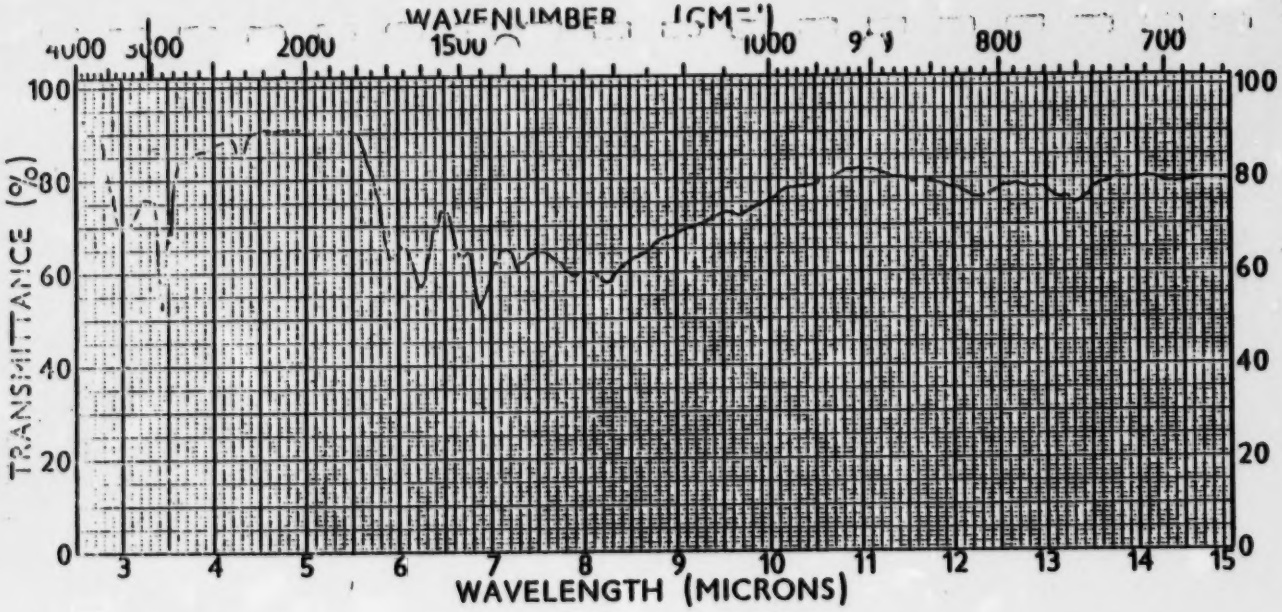
Contract No JF - 2 - 570 - 5
Test sample No 1143-IV
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.18		
3.0	M		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.25	M		
6.4	W		
6.5	W		
6.7	M		
6.9	S		
7.3	M		
8.3	M		
8.9	M		
9.05	M		
9.7	M		
12.4	W		
13.35	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	68	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1143	CONC.	REMARKS
IG FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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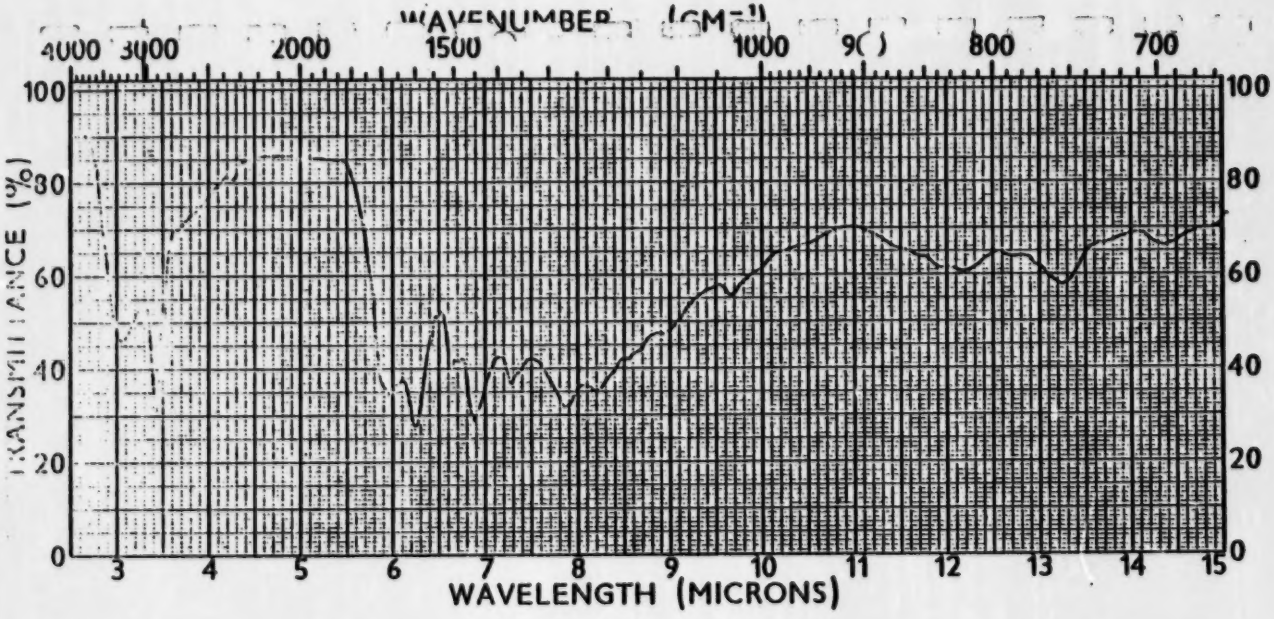
Contract No JF - 2 - 570 - 5
Test sample No 1143-V
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.24		
3.0	M		
3.5	M		
4.3	W		
5.9	M		
6.05	M		
6.25	S		
6.4	M		
6.5	M		
6.65	M		
6.9	S		
7.05	M		
7.3	M		
7.9	S		
8.25	S		
9.7	M		
12.3	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	69	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1143	CONC.	REMARKS
GC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
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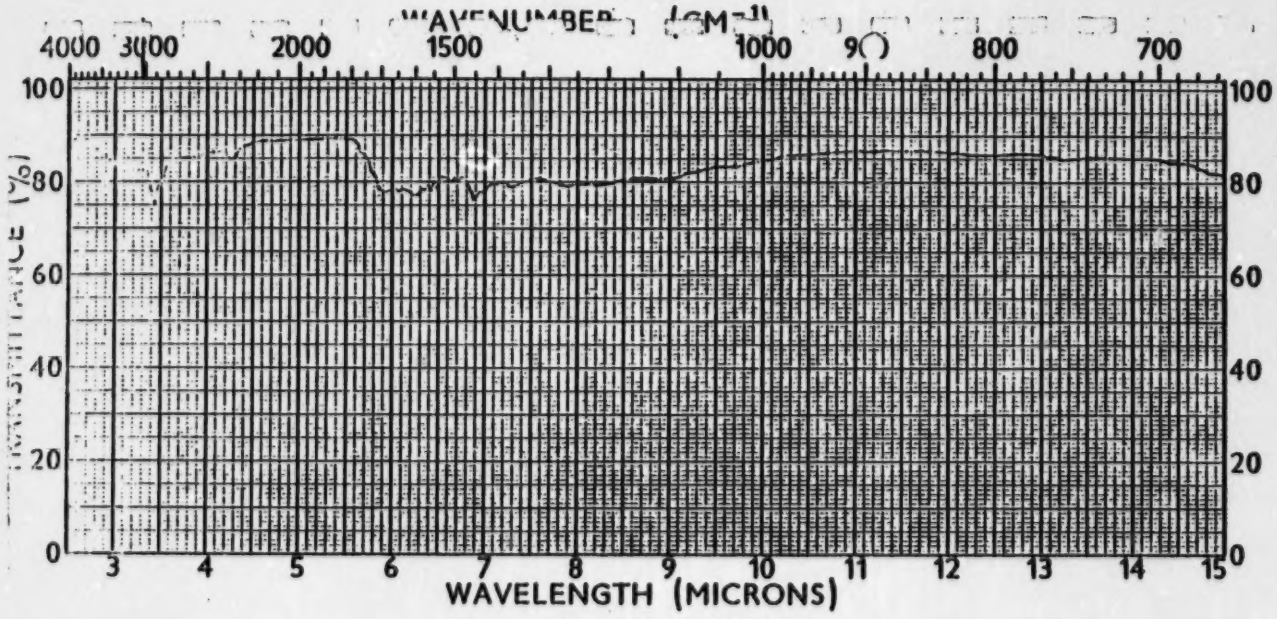
Contract No JF - 2 - 570 - 5
Test sample No 1143-VI
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
6.25	0.49		
3.05	M		
3.4	S		
3.5	M		
4.25	W		
5.95	S		
6.4	M		
6.5	M		
6.6	M		
6.7	M		
6.9	S		
7.3	S		
7.85	S		
8.2	S		
9.7	M		
12.2	M		
13.25	M		
14.35	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	70	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1143	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.7.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
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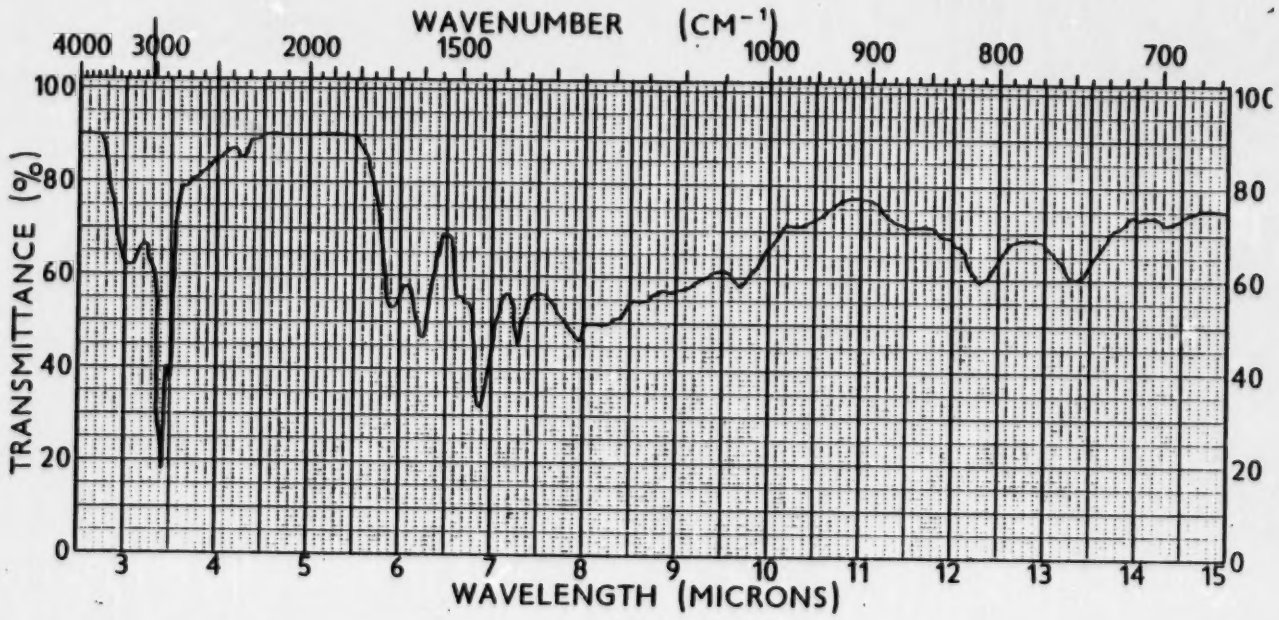
Contract No JF - 2 - 570 - 5
Test sample No 1143-VII
Sample ID No 13.7

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.07		
3.0	M		
3.5	S		
4.25	M		
5.9	S		
6.05	S		
6.25	S		
6.4	S		
6.5	S		
6.9	S		
7.3	S		



CONTRACT JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N	
SAMPLE 23	SOLVENT	OPERATOR D.J. DATE VI.1980	
TEST No. 1231	CONC.	REMARKS	
SAMPLE I.D.No. 3.2.	CELL PATH		
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW		

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
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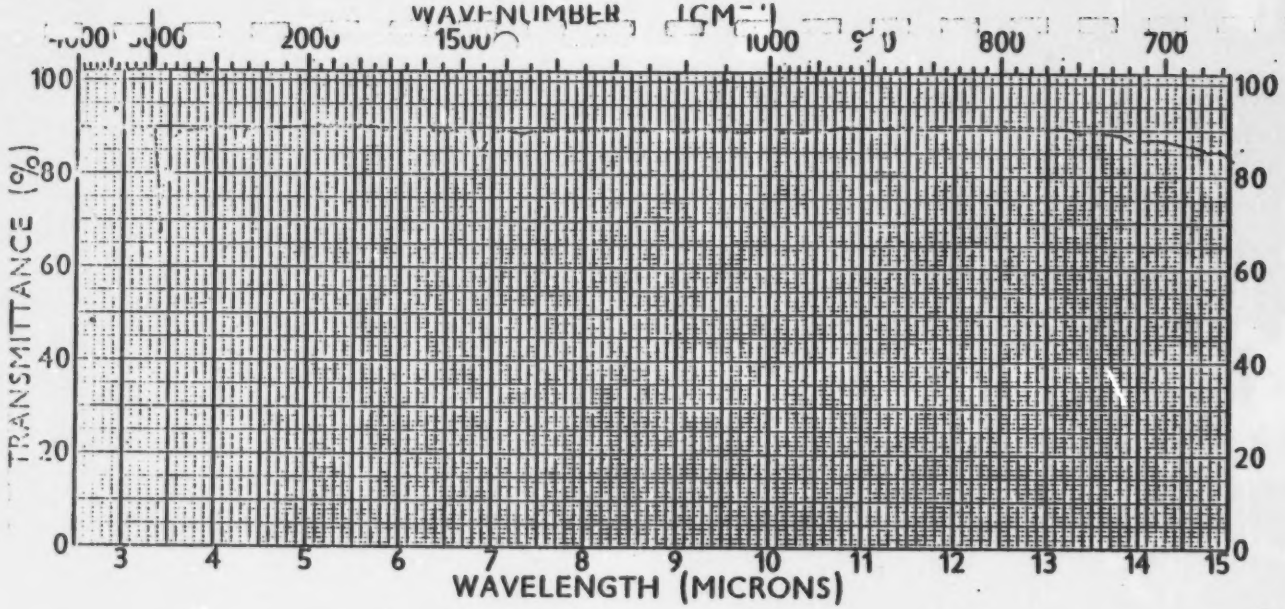
Contract No JF - 2 - 570 - 5
Test sample No 1231
Sample ID No 3.2.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.71		
3.0	W		
3.5	M		
5.9	M		
6.25	M		
6.9	M		
7.3	M		
7.95	M		
9.7	W		
12.3	W		
13.3	W		



CONTRACT	JF-2-57025	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	22	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1231	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	3.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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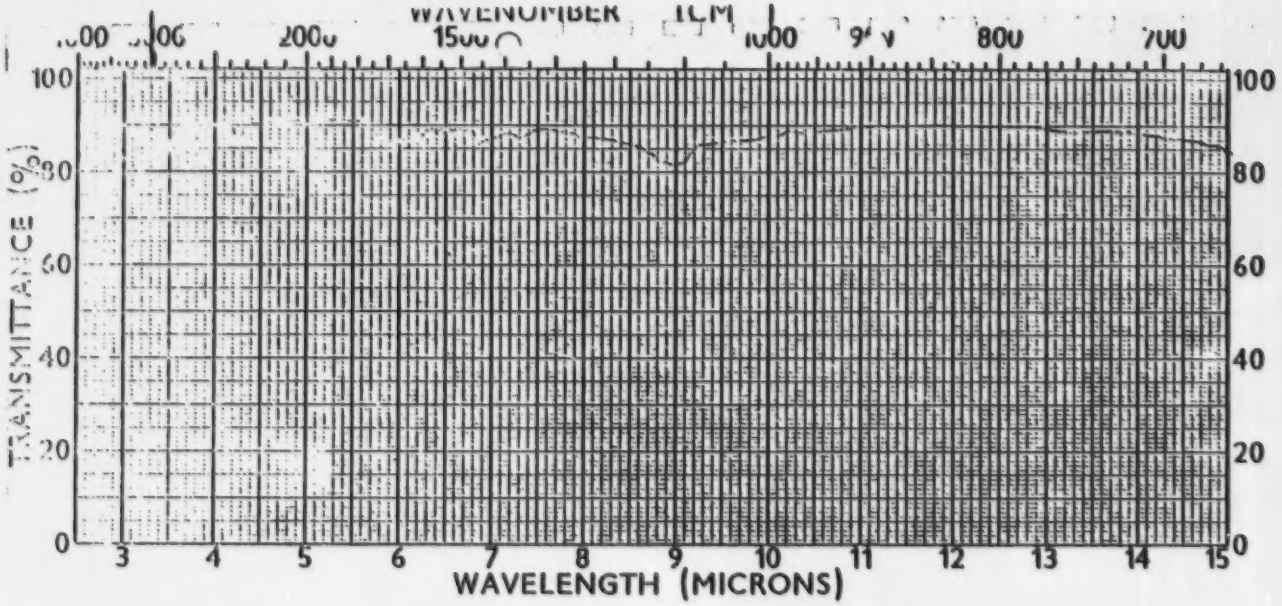
Contract No JF - 2 - 570 - 5
Test sample No 1231-I
Sample ID No 3.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.12		
3.5	M		
4.25	W		
6.85	W		
6.98	W		
7.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	23	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1231	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	3.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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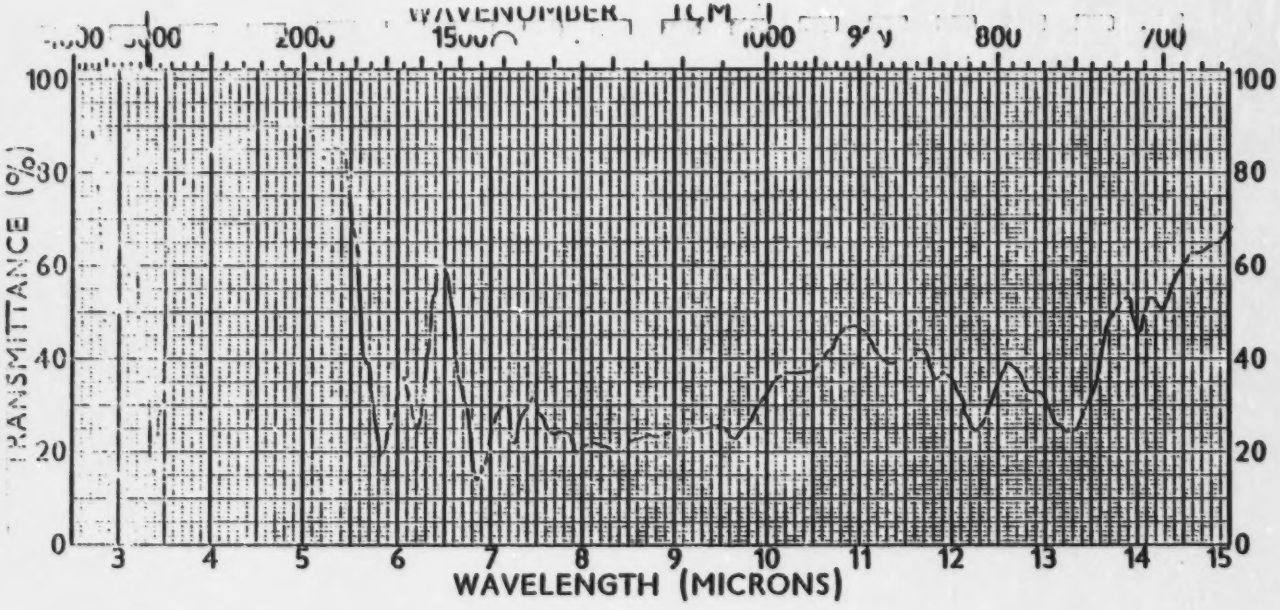
Contract No JF - 2 - 570 - 5
Test sample No 1231-II
Sample ID No 3.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentari Comments
9.0	0.04		
3.4	S		
3.5	M		
4.25	M		
5.9	M		
6.4	W		
6.5	W		
6.65	W		
6.85	M		
7.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	24		
TEST No.	1231	SOLVENT	OPERATOR D.J. DATE VI.1980
IC FRACTION	III	CONC.	REMARKS Pathlength 7 mm
SAMPLE I.D. No.	3.2.	CELL PATH	
ORIGIN I.U.E.P.		REFERENCE DIRECT ON WINDOW	

PART NO. 137E - 1261

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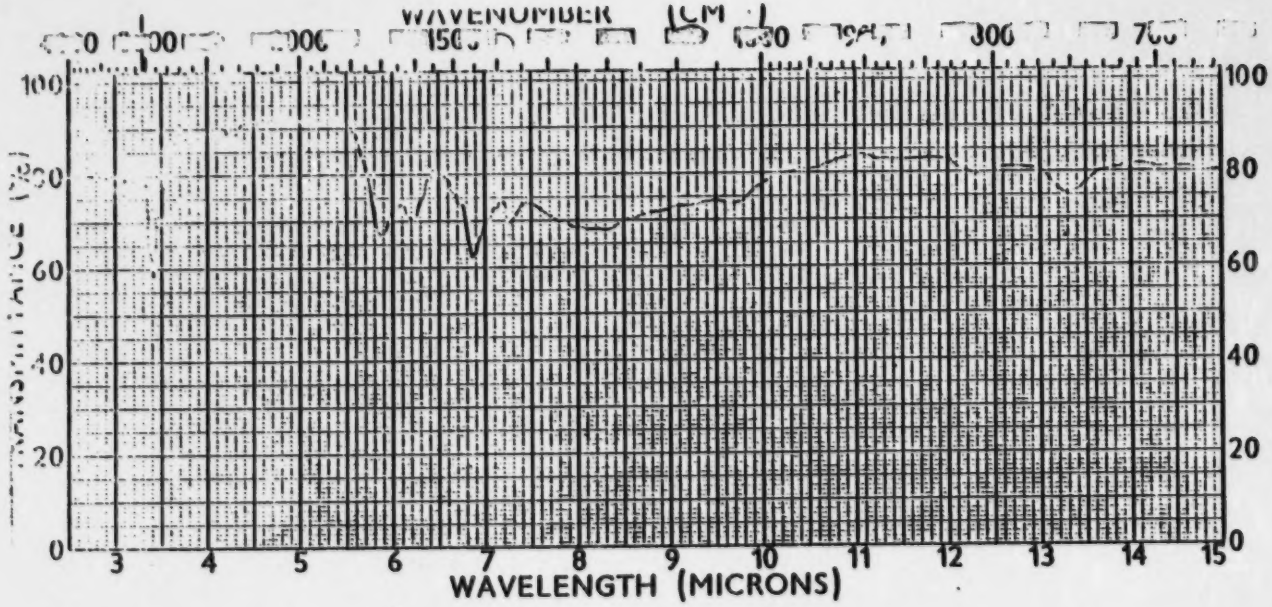
IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1231-III
Sample ID No 3.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.77		
2.95	M		
3.25	M		
3.5	M		
3.65	W		
4.25	W		
5.2	W		
5.8	S		
5.95	S		
6.2	S		
6.85	S		
7.25	S		
7.7	S		
7.95	S		
8.4	S		
8.8	S		
9.65	S		
10.5	M		
11.3	M		
11.5	M		
11.8	M		
12.25	S		
12.8	M		
13.3	S		
14.0	M		
14.28	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	25	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST NO.	1231	CONC.	REMARKS mull
I.C FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	3.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.U.E.P.			

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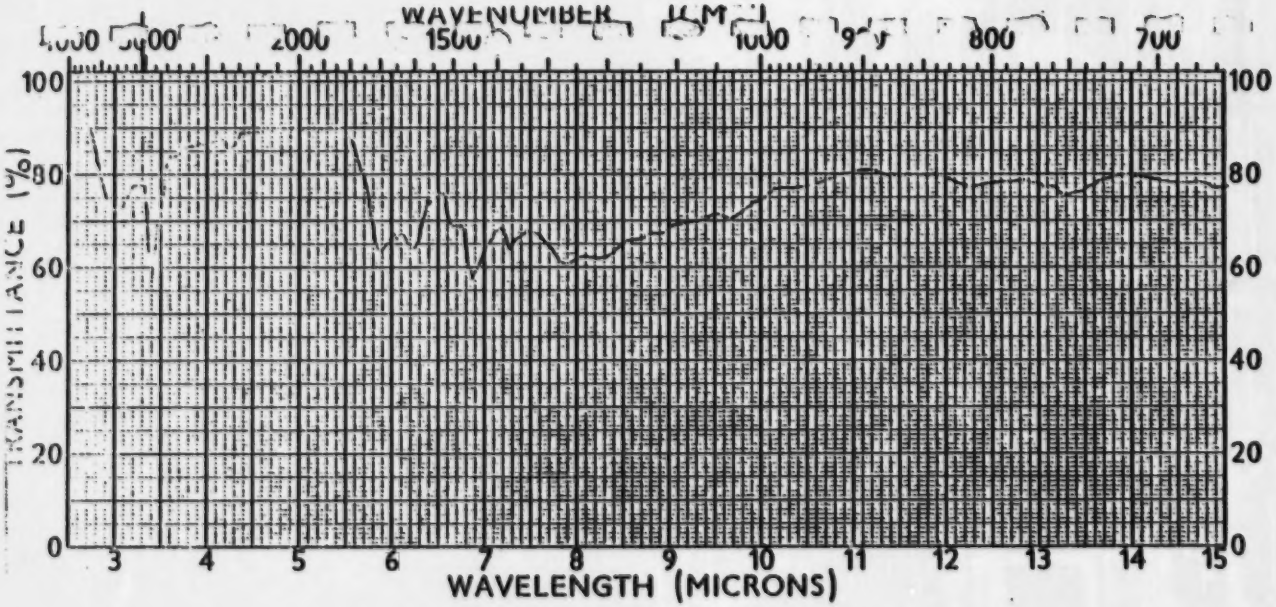
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1231-IV
Sample ID No 3.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.19		
3.0	M		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.2	M		
6.4	M		
6.85	S		
7.3	M		
8.3	M		
9.7	M		
12.4	W		
13.3	M		



CONTRACT	JF-2-570-5	PHASE _____	SCAN SPEED 8 SLIT M
SAMPLE	26	SOLVENT _____	OPERATOR D.J. DATE VI.1980
TEST No.	1231	CONC. _____	REMARKS _____
LC FRACTION	V	CELL PATH _____	
SAMPLE I.D. No.	3.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.W.E.P.			

PART NO. 137E - 1281

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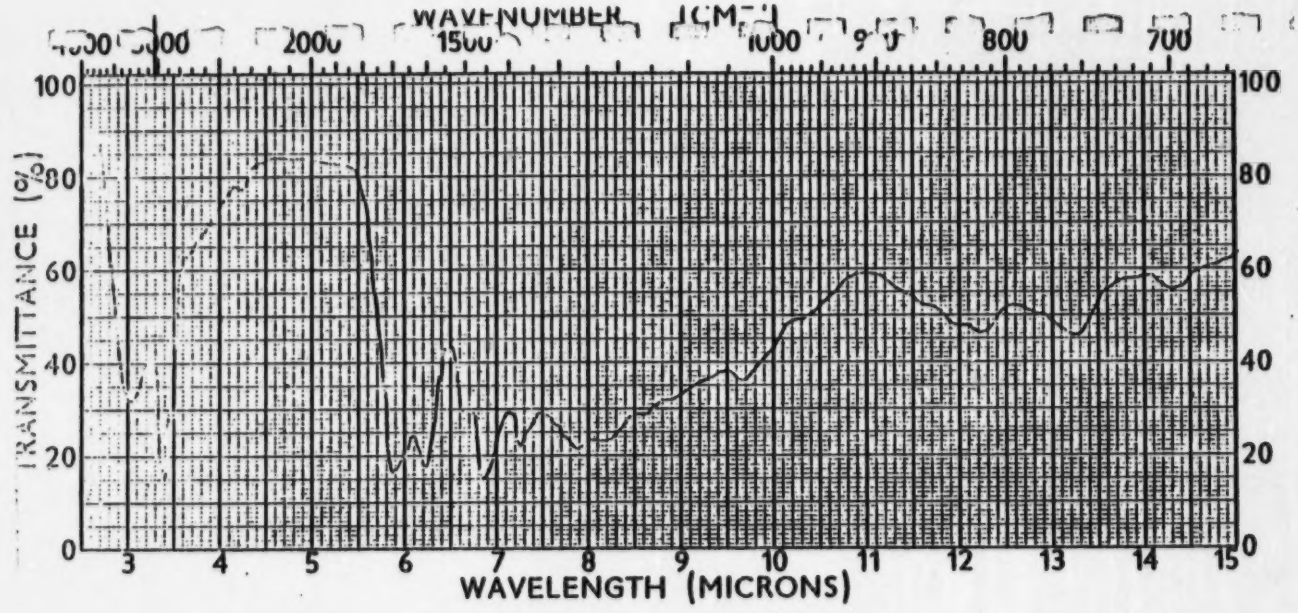
IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1231-V
Sample ID No 3.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.19		
3.0	M		
3.5	M		
4.25	W		
5.9	S		
6.05	M		
6.25	S		
6.4	M		
6.5	M		
6.7	M		
6.9	S		
7.3	M		
7.9	S		
8.3	S		
8.9	M		
9.7	M		
12.25	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	27	SOLVENT	OPERATOR D.J. DATE VI 1980
TEST No.	1231	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	3.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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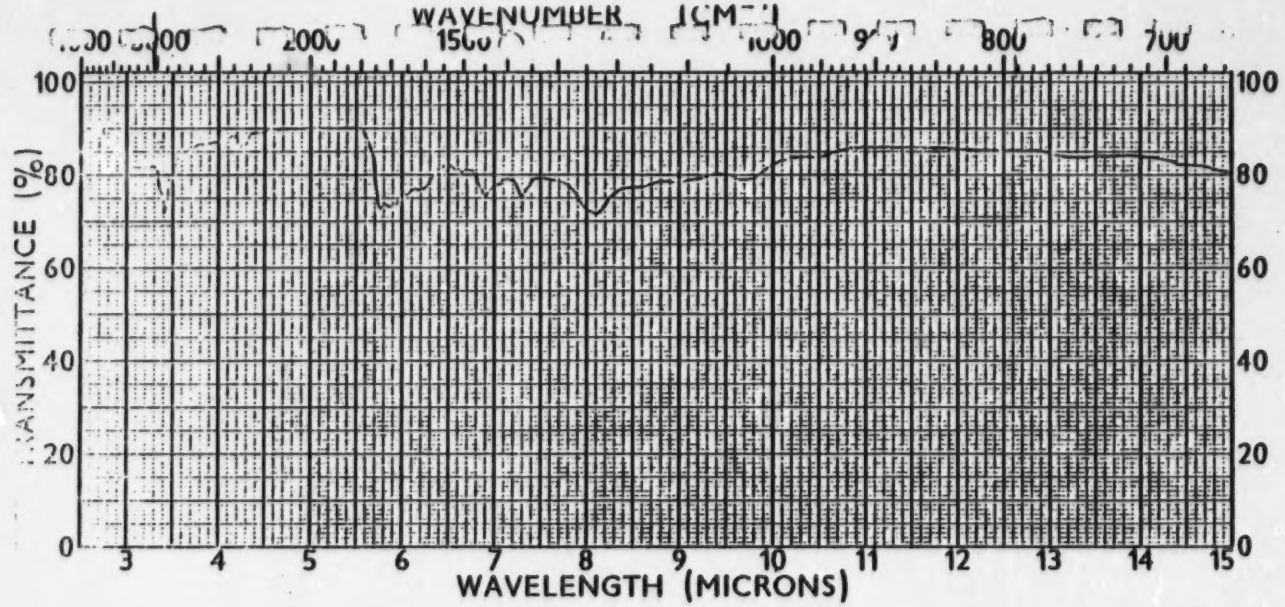
Contract No JF - 2 - 570 - 5
Test sample No 1231-VI
Sample ID No 3.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.77		
3.0	M		
3.5	M		
3.65	W		
4.25	W		
5.85	S		
6.05	S		
6.25	S		
6.45	M		
6.6	M		
6.85	S		
7.25	S		
7.9	S		
8.2	S		
8.6	M		
9.65	M		
10.3	M		
11.9	M		
12.2	M		
13.25	M		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	28	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1231	CONC.	REMARKS
IG FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	3.2.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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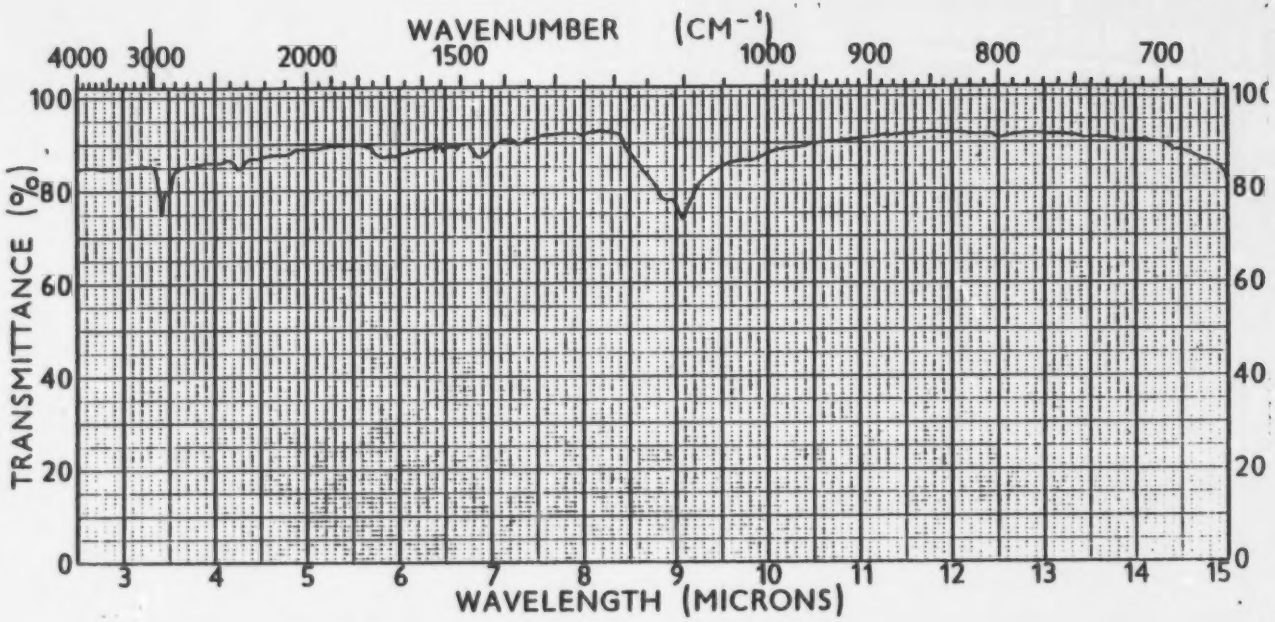
IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1231-VII
Sample ID No 3.2

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.09		
3.05	M		
3.5	M		
4.25	W		
5.75	S		
5.9	S		
6.05	S		
6.4	M		
6.5	M		
6.65	M		
6.9	S		
7.3	S		
8.1	S		
9.7	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	24	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1049	CONC.	REMARKS
SAMPLE I.D.No.	12.2.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

NO.

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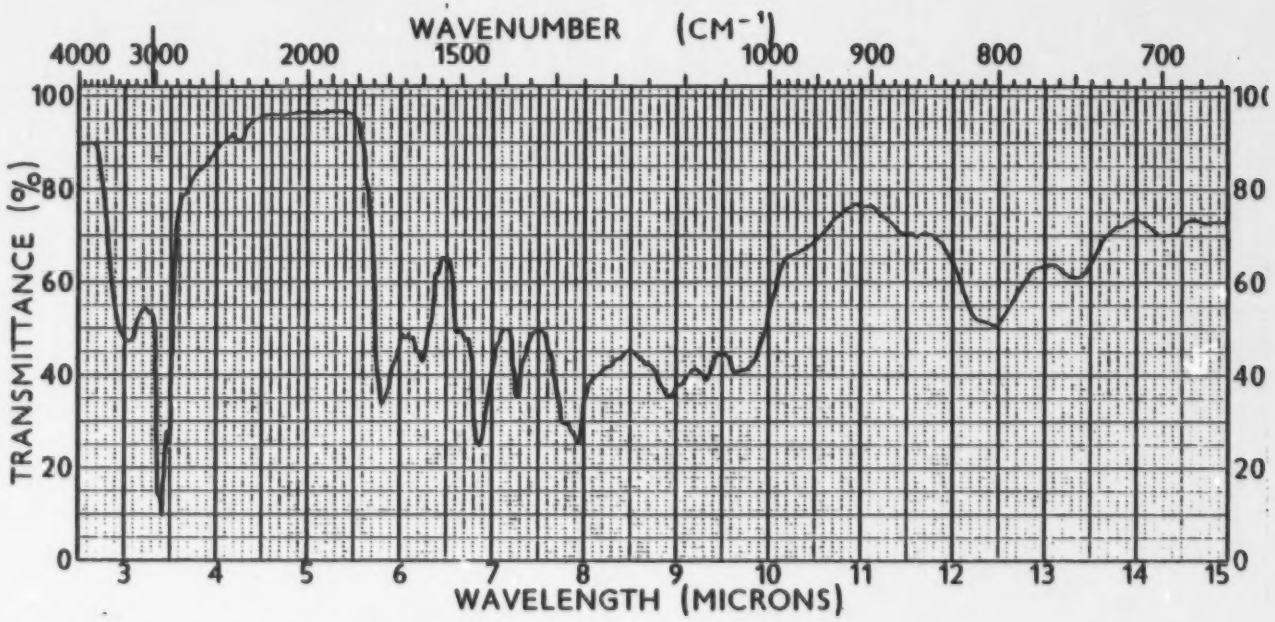
Contract No JF - 2 - 570 - 5
Test sample No 1049
Sample ID No 12.2.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.08		
3.5	S		
4.25	M		
5.9	M		
6.85	M		
8.9	S		
9.1	S		



CONTRACT JF-2-570-5	PHASE	SCAN SPEED S SLIT N	
SAMPLE 25	SOLVENT	OPERATOR D.J. DATE VI.1980	
TEST No. 1147	CONC.	REMARKS YAD- in chloroform	
SAMPLE I.D.No. 3.6.	CELL PATH		
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW		NO.

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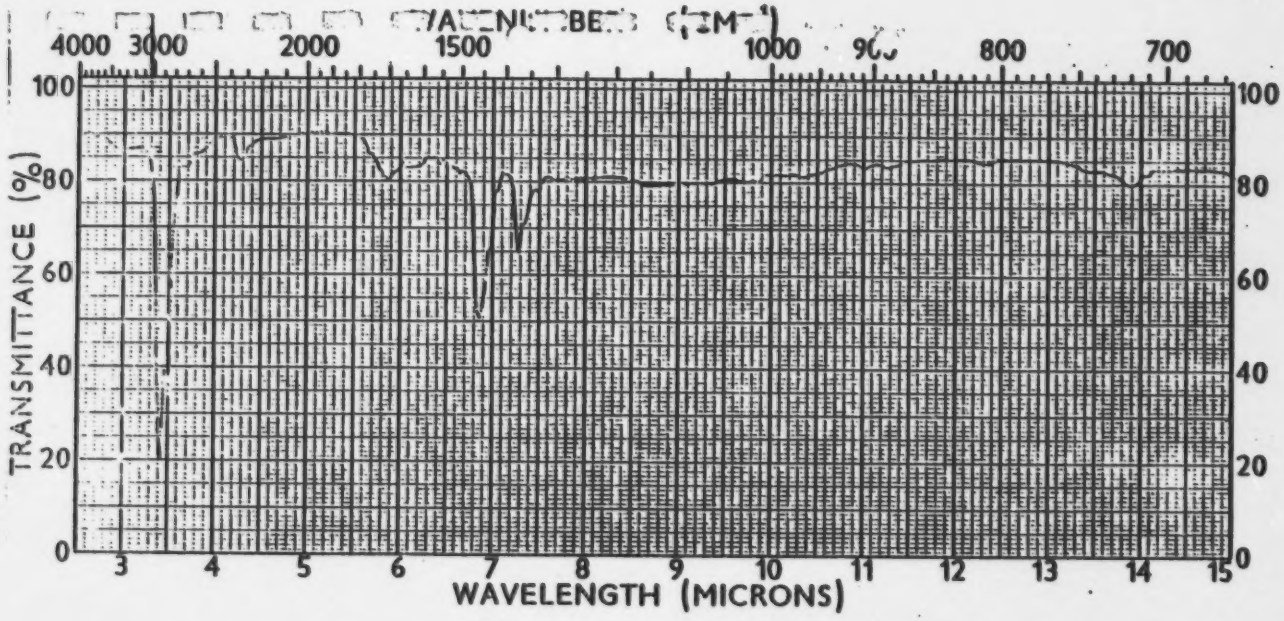
Contract No JF - 2 - 570 - 5
Test sample No 1147
Sample ID No 3.6.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.02		
3.0	M		
3.5	M		
5.8	M		
6.25	M		
6.6	M		
6.85	M		
7.3	M		
7.8	M		
7.9	M		
8.9	M		
9.3	M		
9.7	M		
12.4	W		
13.4	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	78	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1147	CONC.	REMARKS
IC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	3.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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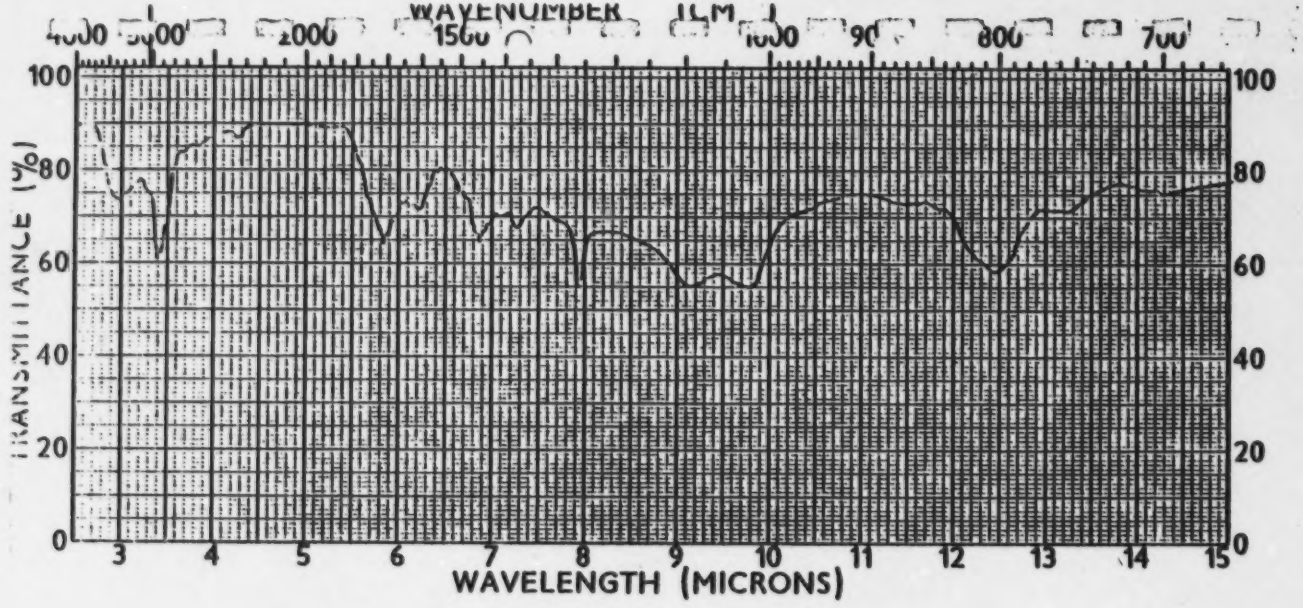
Contract No JF - 2 - 570 - 5
Test sample No 1147-I
Sample ID No 3.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.65		
3.0	W		
3.5	M		
3.7	W		
4.3	W		
5.9	W		
6.15	W		
6.4	W		
6.5	W		
6.85	M		
6.95	W		
7.05	W		
7.3	W		
7.35	W		
7.5	W		
11.0	W		
11.3	W		
13.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	79	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1147	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	3.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

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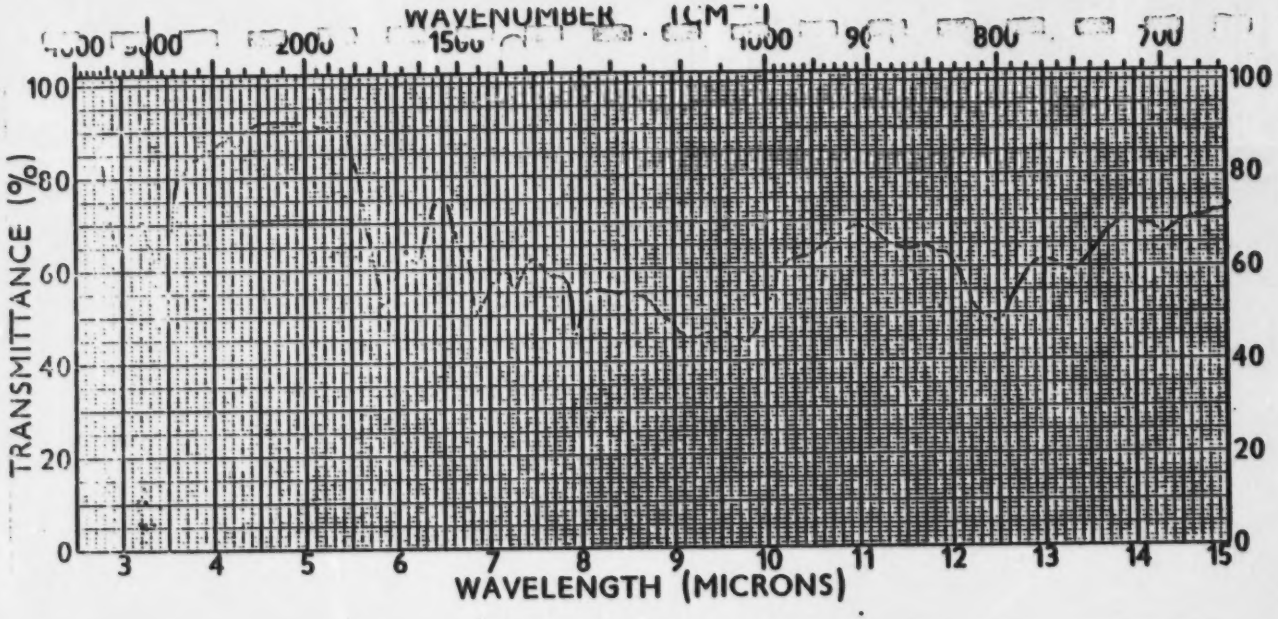
Contract No JF - 2 - 570 - 5
Test sample No 1147-II
Sample ID No 3.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
9.15	0.21		
3.0	M		
3.4	S		
3.5	M		
4.25	W		
5.85	S		
6.25	M		
6.9	S		
7.4	M		
7.95	S		
9.8	S		
11.5	M		
12.5	S		
13.3	M		



CONTRACT	JP-2-570-B	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	80	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1147	CONC.	REMARKS
IC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	3.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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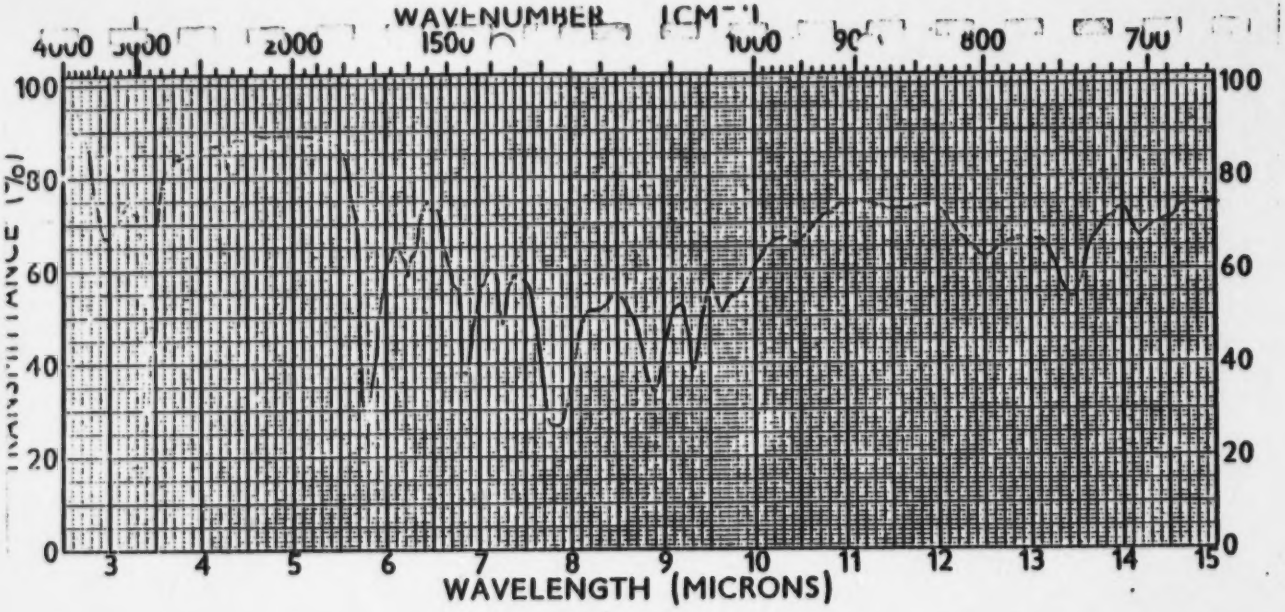
Contract No JF - 2 - 570 - 5
Test sample No 1147-III
Sample ID No 3.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
9.8	0.32		
3.0	M		
3.4	S		
3.5	M		
4.25	W		
5.85	S		
6.25	M		
6.9	S		
7.1	M		
7.3	M		
7.65	M		
7.95	S		
9.2	S		
10.5	M		
11.5	M		
12.5	S		
13.3	M		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	81	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1147	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	3.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

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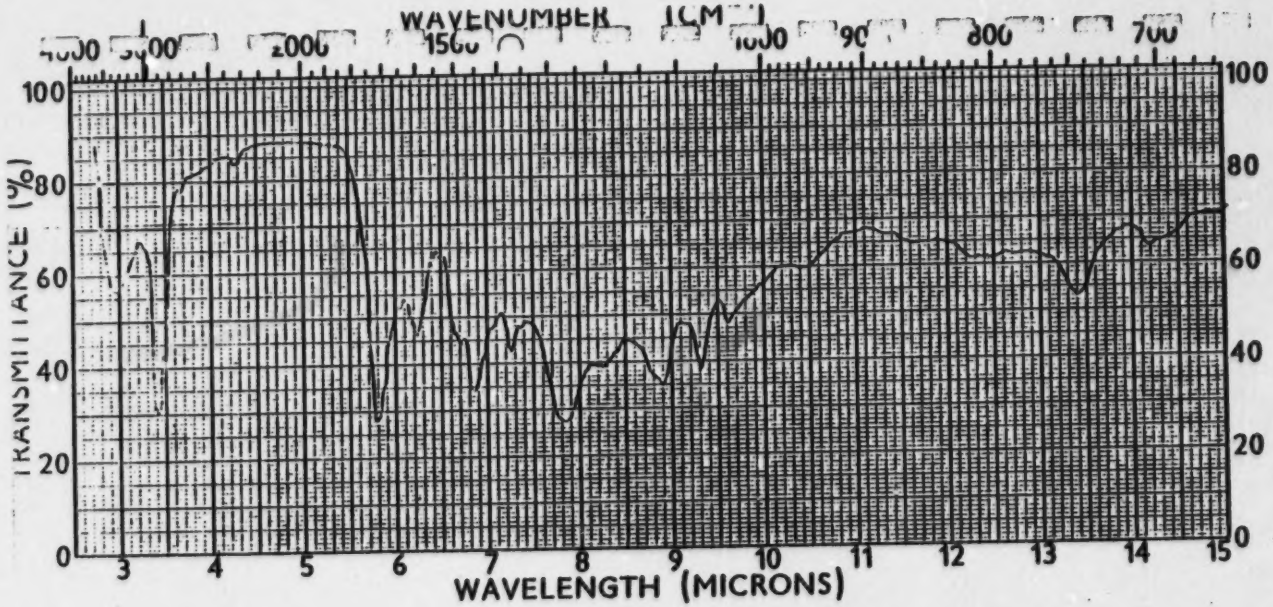
Contract No JF - 2 - 570 - 5
Test sample No 1147-IV
Sample ID No 3.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.8	0.56		
3.0	W		
3.4	S		
3.5	M		
4.3	W		
6.25	M		
6.7	M		
6.85	M		
7.25	M		
7.8	S		
8.3	M		
8.9	S		
9.35	M		
9.65	M		
10.45	W		
12.5	W		
13.45	M		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	82	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1147	CONC.	REMARKS
IC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	3.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

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PART NO. 137E - 1281

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LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

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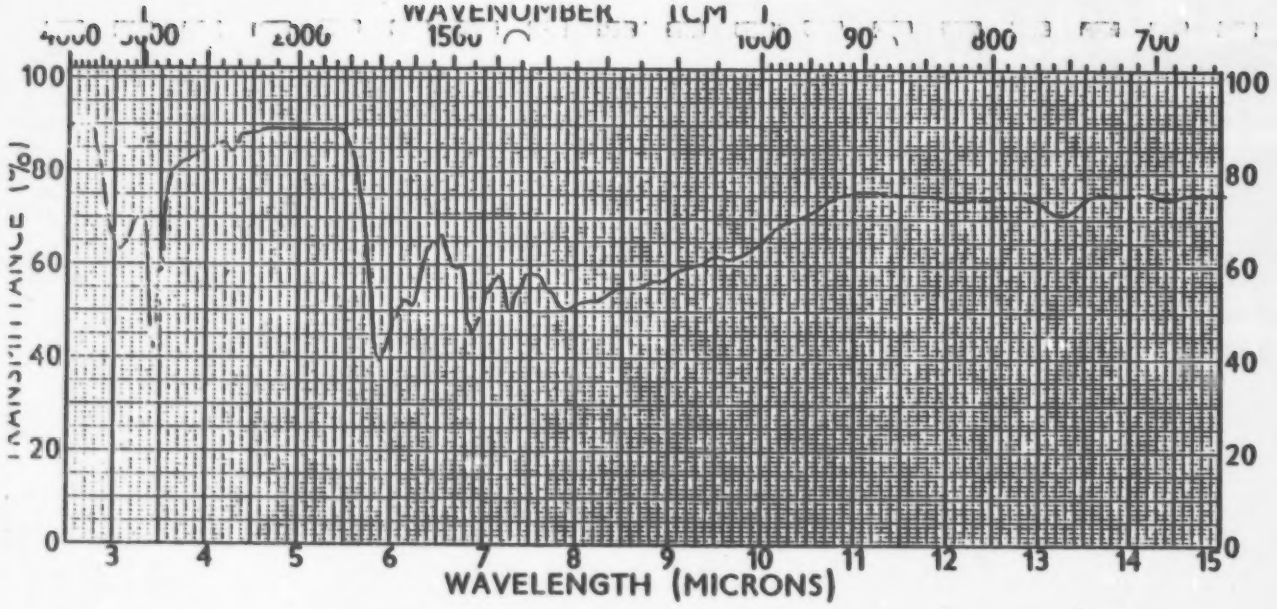
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1147-V
Sample ID No 3.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
7.85	0.50		
3.0	M		
3.4	S		
3.5	M		
4.25	W		
5.8	S		
6.25	M		
6.4	M		
6.7	M		
6.85	S		
7.25	M		
8.25	M		
8.9	S		
9.3	S		
9.6	M		
10.4	W		
11.6	W		
12.3	W		
13.4	M		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED s SLIT m
SAMPLE	83	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1147	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	3.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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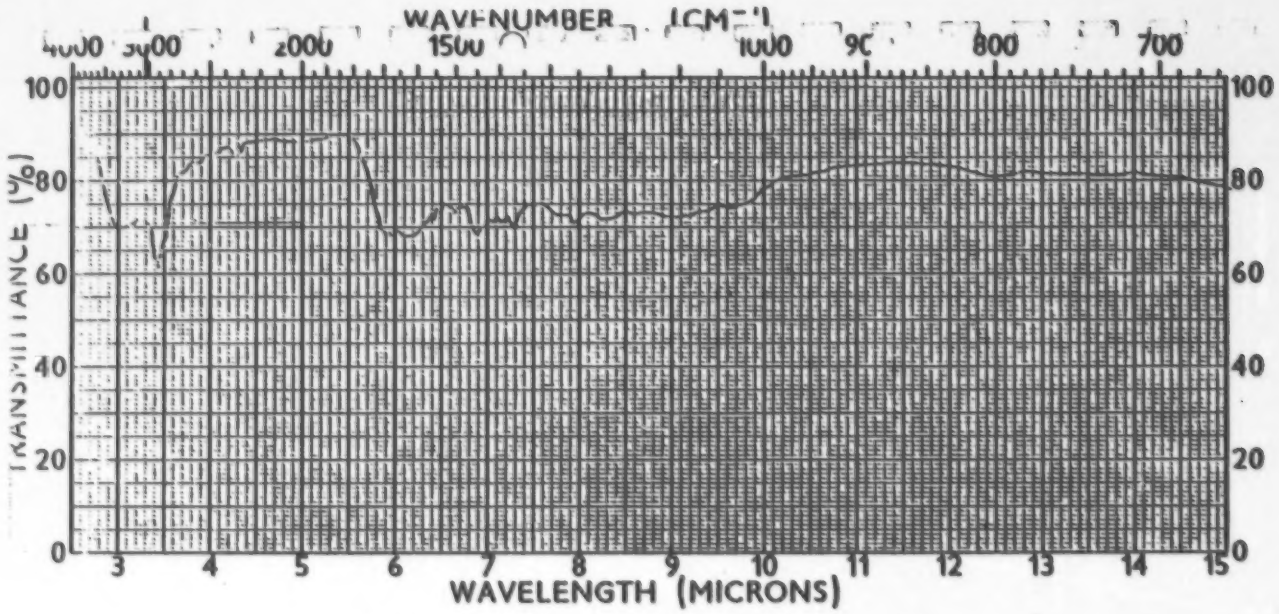
Contract No JF - 2 - 570 - 5
Test sample No 1147-VI
Sample ID No 3.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
5.9	0.35		
3.0	M		
3.4	S		
3.5	M		
4.3	W		
6.05	S		
6.25	M		
6.5	M		
6.7	M		
6.9	S		
7.3	S		
7.9	S		
9.7	M		
12.2	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	84	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1147	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	3.6.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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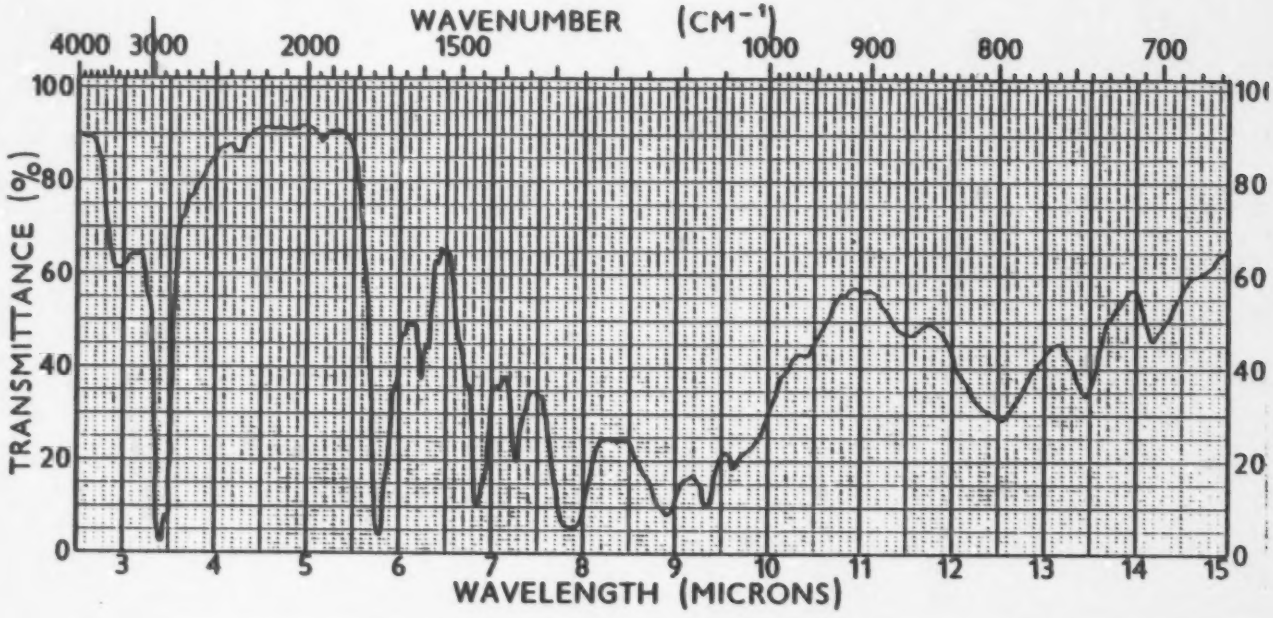
Contract No JF - 2 - 570 - 5
Test sample No 1147-VII
Sample ID No 3.6

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.16		
3.0	M		
3.5	S		
3.9	W		
4.3	W		
5.9	S		
6.2	S		
6.4	M		
6.5	M		
6.65	M		
6.9	S		
7.3	S		
7.95	M		
8.25	M		



CONTRACT JF-2-570-5 SAMPLE 26 TEST No. 1206 SAMPLE I.D.No. 7.2.	PHASE _____ SOLVENT _____ CONC. _____ CELL PATH _____	SCAN SPEED S SLIT N OPERATOR D.J. DATE VI.1980 REMARKS Organic Trace
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW	

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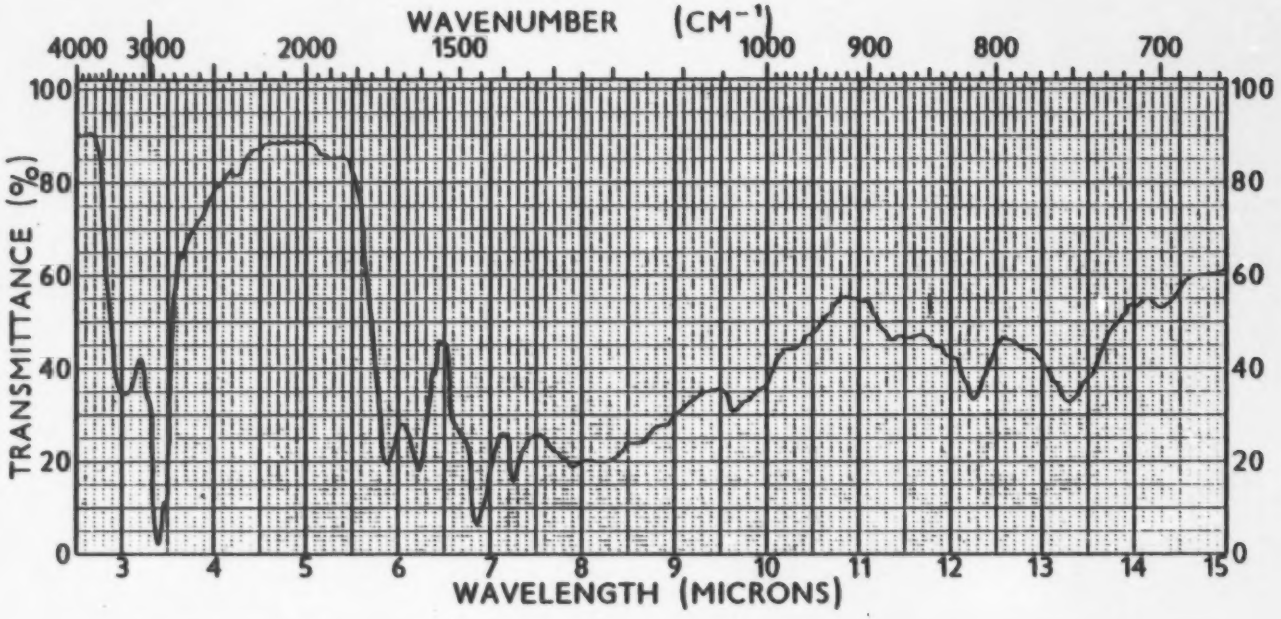
Contract No JF 2 - 570 - 5
Test sample No 1206
Sample ID No 7.2.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.66		
3.0	W		
3.5	M		
5.8	S		
6.25	W		
6.85	M		
7.25	M		
7.9	S		
8.9	M		
9.35	M		
9.6	M		
10.9	W		
11.5	W		
12.5	W		
13.45	W		
14.2	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	27	SOLVENT	OPERATOR D.J. DATE VI.1980.
TEST No.	1257	CONC.	REMARKS
SAMPLE I.D.No.	13.3.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

NO.

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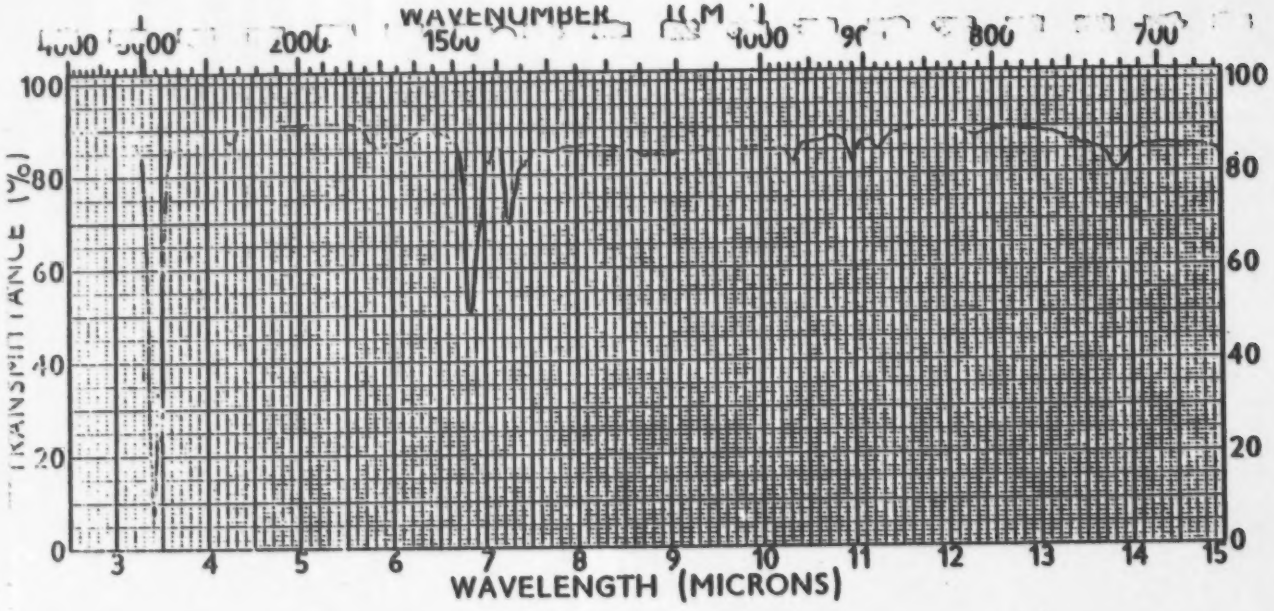
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1257
Sample ID No 13.3.

Talasni broj Wavo Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.64		
3.0	W		
3.5	M		
5.9	M		
6.2	M		
6.85	S		
7.25	M		
7.9	M		
9.65	W		
10.3	W		
11.35	W		
12.25	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	1	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1257	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.3	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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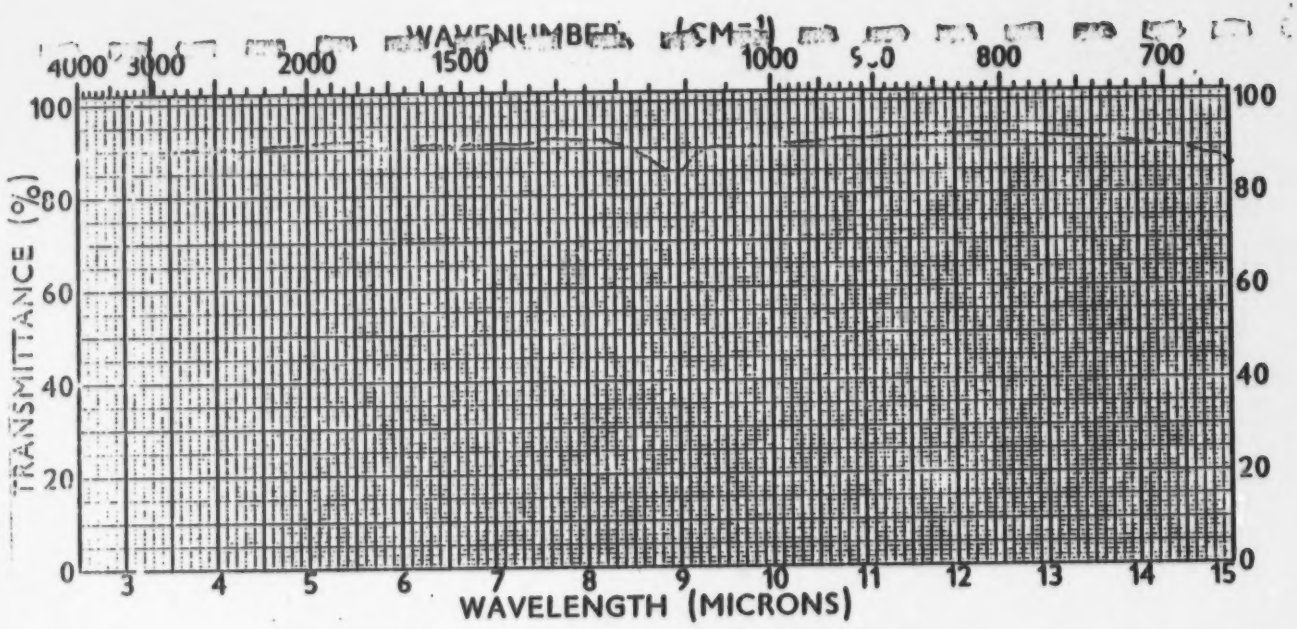
LABORATORIJA ZA BIOFIZIČKU I ANALITIČKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1257-I
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
2941	1.05		
2857	M		
2343	W		
1730	W		
1640	W		
1480	W		
1360	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	2	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1257	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.3	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.M.E.P.		

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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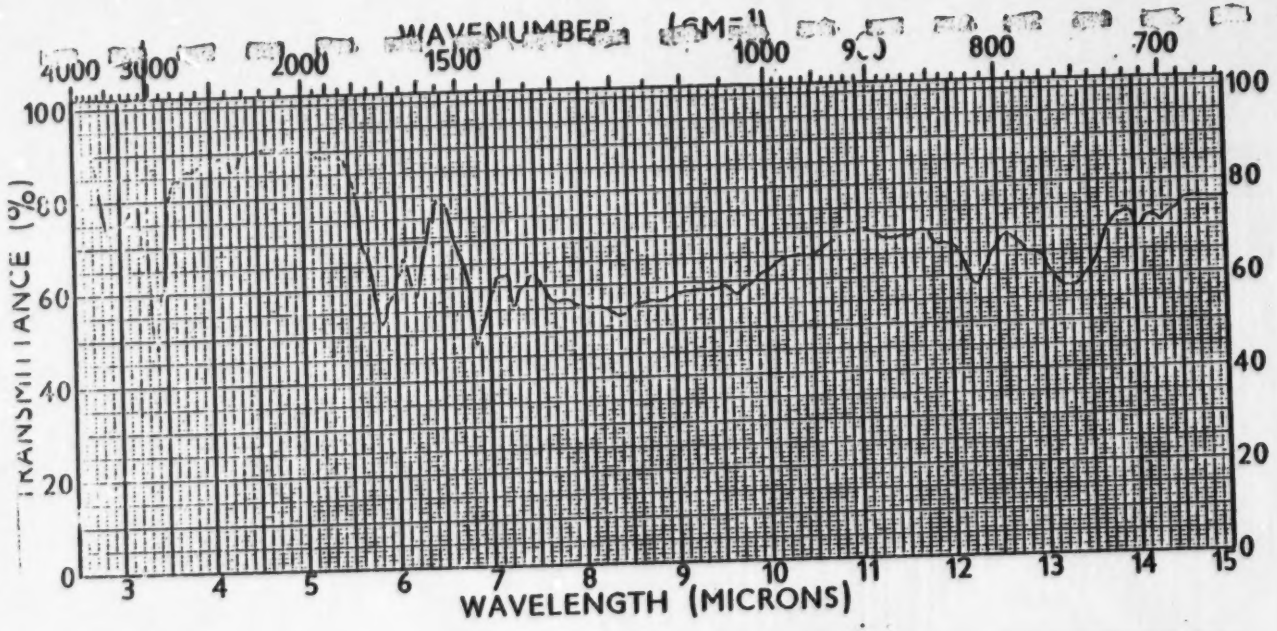
LABORATORIJA ZA BIOFIZIČKU I ANALITIČKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1252-II
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
8.95	0.03		
4.25	M		
3.42	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	3	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1257	CONC.	REMARKS
IC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.3	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

NO

PART NO. 137E - 1281

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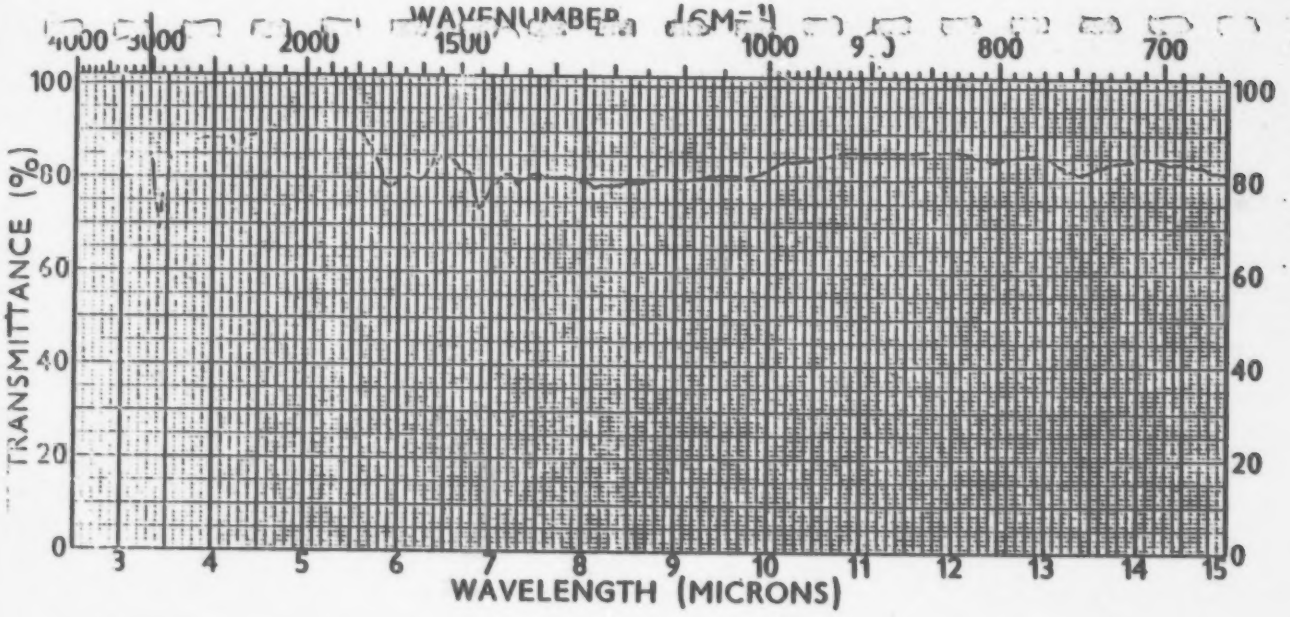
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1257-III
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.27		
2.9	M		
3.25	M		
3.45	M		
4.25	W		
5.85	S		
6.2	S		
6.85	S		
7.25	S		
8.4	S		
9.65	S		
12.25	S		
13.3	S		
14.05	M		
14.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT M
SAMPLE	4	SOLVENT	OPERATOR DJ DATE VI.1980
TEST No.	1257	CONC.	REMARKS
IC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.3	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

NO.

PART NO. 137E - 1261

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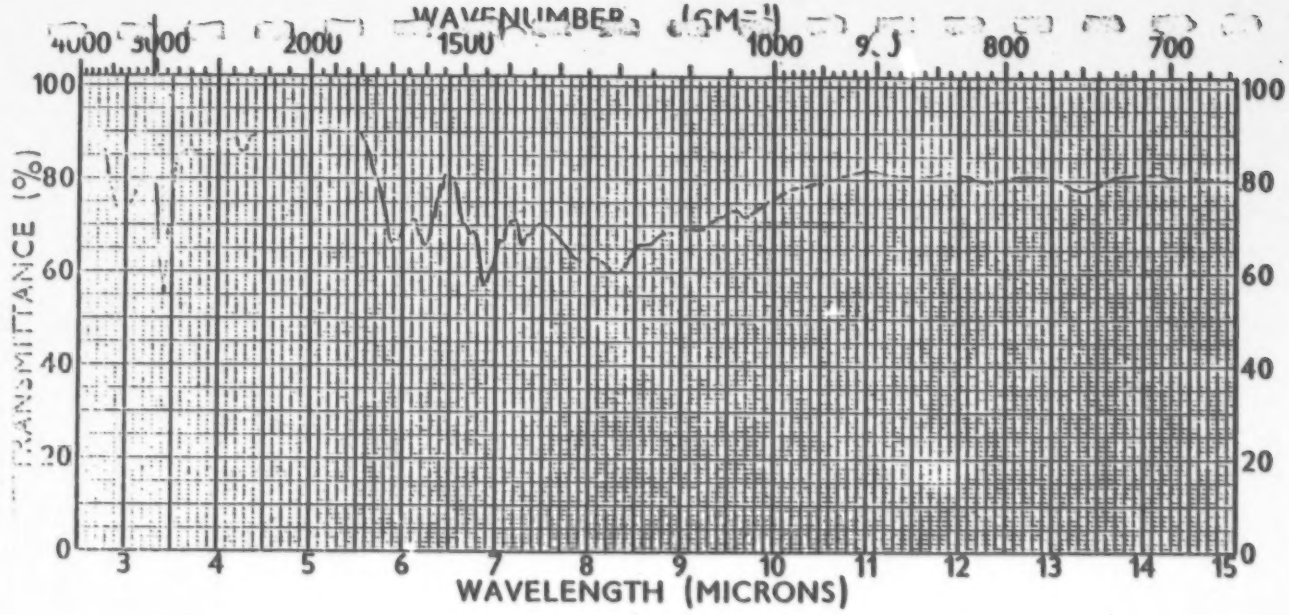
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1297-IV
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.12		
3.0	W		
3.5	M		
4.25	W		
5.9	M		
6.2	M		
6.85	S		
7.3	M		
12.4	W		
13.35	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	5	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1257	CONC.	REMARKS
IC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.3	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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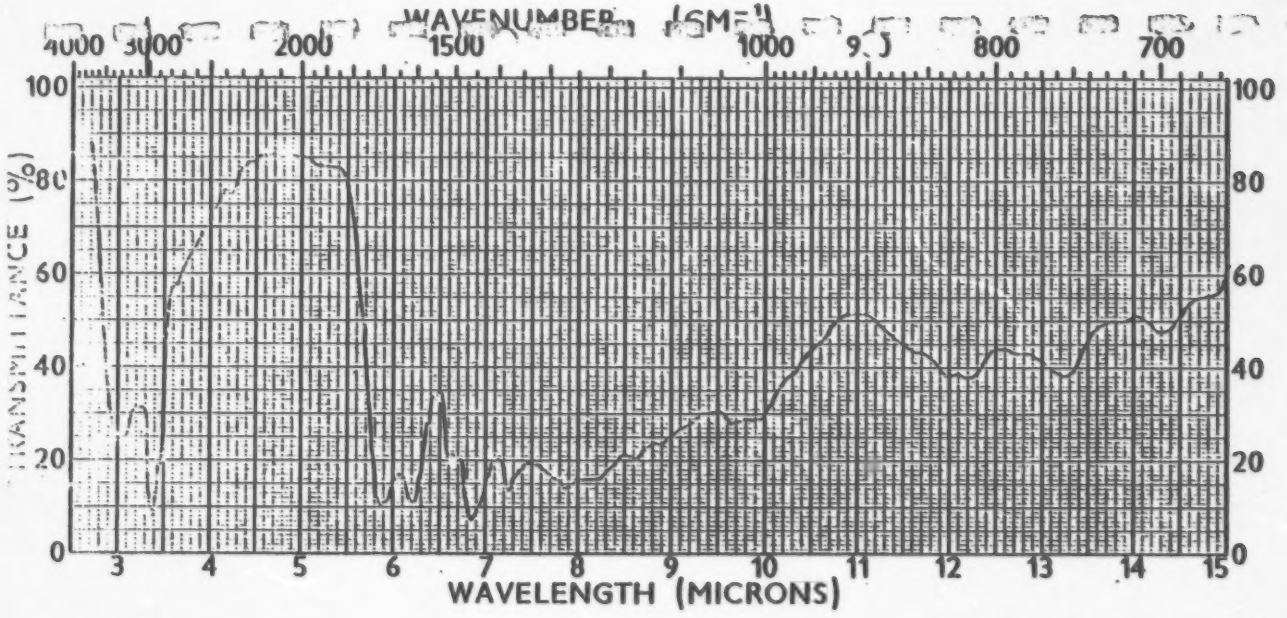
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1257-V
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.21		
2.95	M		
3.5	M		
4.25	W		
5.9	M		
6.25	M		
6.7	M		
6.85	S		
7.3	M		
7.9	S		
8.3	S		
9.7	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	6	SOLVENT	OPERATOR D.J. DATE VI.1960
TEST No.	1257	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	liquid
SAMPLE I.D. No.	13.3	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.E.P.		

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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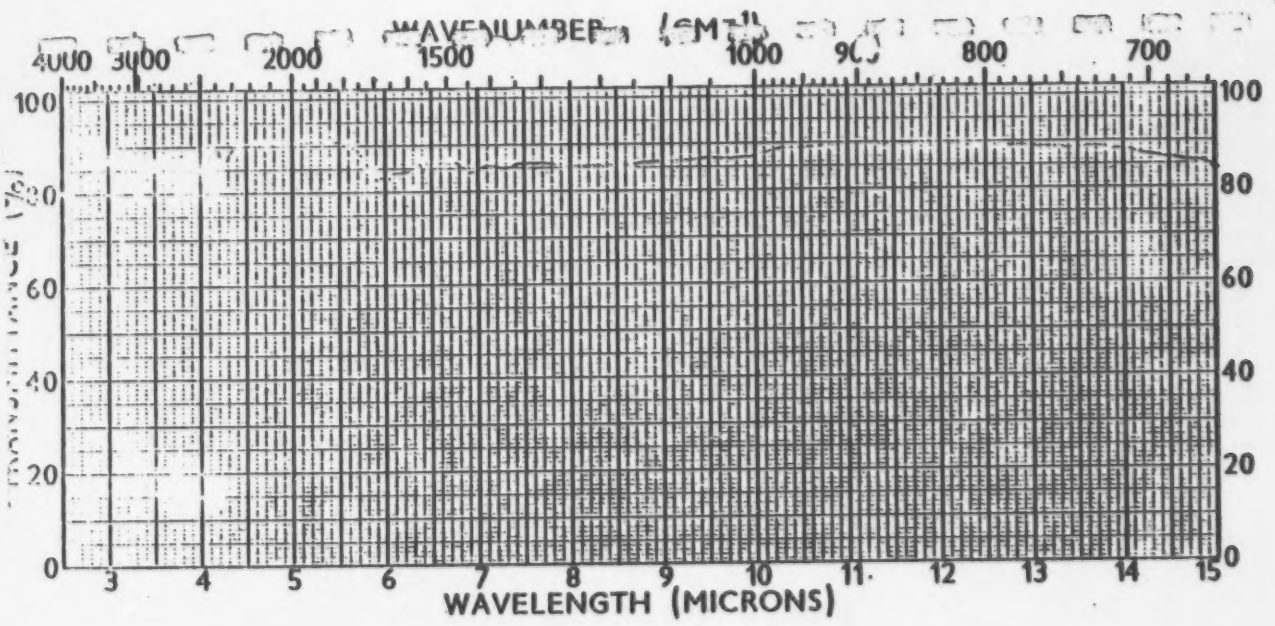
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1257-VI
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.05		
3.05	M		
3.5	M		
3.6	W		
4.25	W		
5.85	S		
6.05	S		
6.2	S		
6.5	M		
6.6	M		
6.85	S		
7.25	S		
7.9	S		
8.6	M		
8.9	M		
9.6	M		
12.25	M		
13.25	M		
14.3	W		
14.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	7	SOLVENT	OPERATOR D.J. DATE VI.1960
TEST No.	1257	CONC.	REMARKS
IC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.3	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

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PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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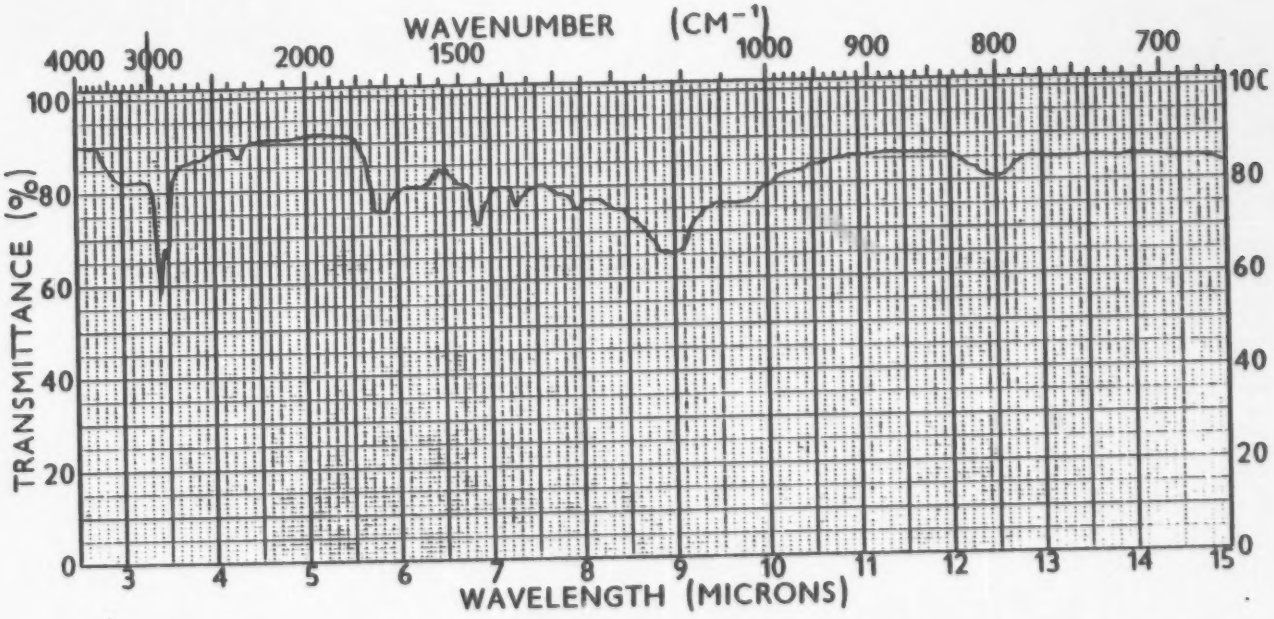
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1257-VII
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.5	0.03		
4.25	M		
5.9	S		
6.1	S		
6.4	S		
6.5	S		
6.65	S		
6.9	S		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT M
SAMPLE	28	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1122	CONC.	REMARKS
SAMPLE I.D.No.	3.5.	CELL PATH	Thread dispenser
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

NO.

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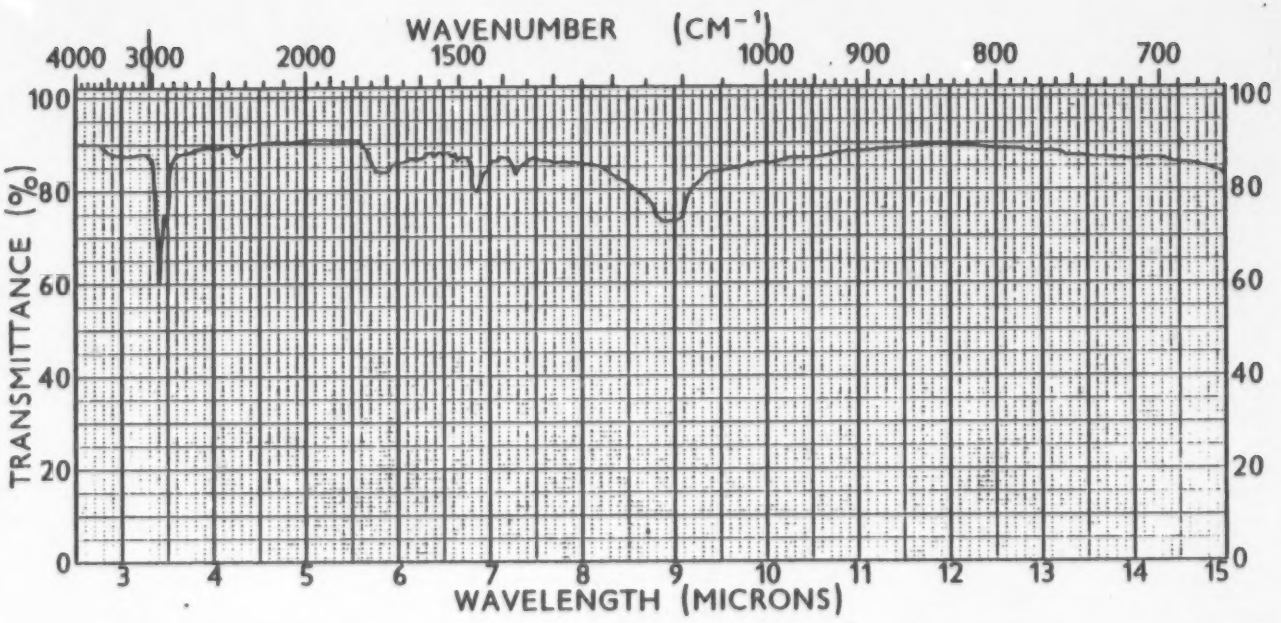
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1122
Sample ID No 3.5.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.20		
3.0	W		
3.5	S		
5.8	M		
6.85	M		
7.3	M		
7.95	M		
8.9	S		
9.8	M		
12.5	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	29	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1258	CONC.	REMARKS nujol/hex. pad
SAMPLE I.D.No.	15.3.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

NO

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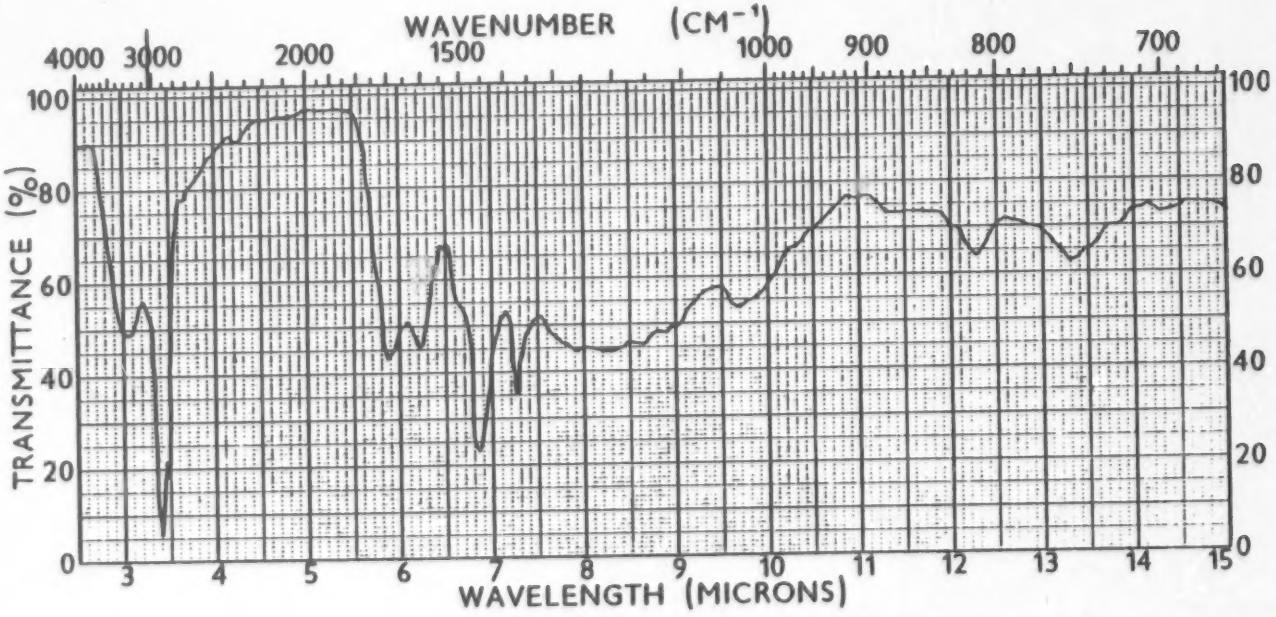
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1258
Sample ID No 15.3.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.18		
3.5	M		
5.8	M		
6.85	M		
7.3	M		
8.9	M		



CONTRACT · JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE 30	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No. 1144	CONC.	REMARKS Pyrrol
SAMPLE I.D.No. 13.3.	CELL PATH	
ORIGIN I.N.E.P.	REFERENCE DIRECT ON WINDOW	

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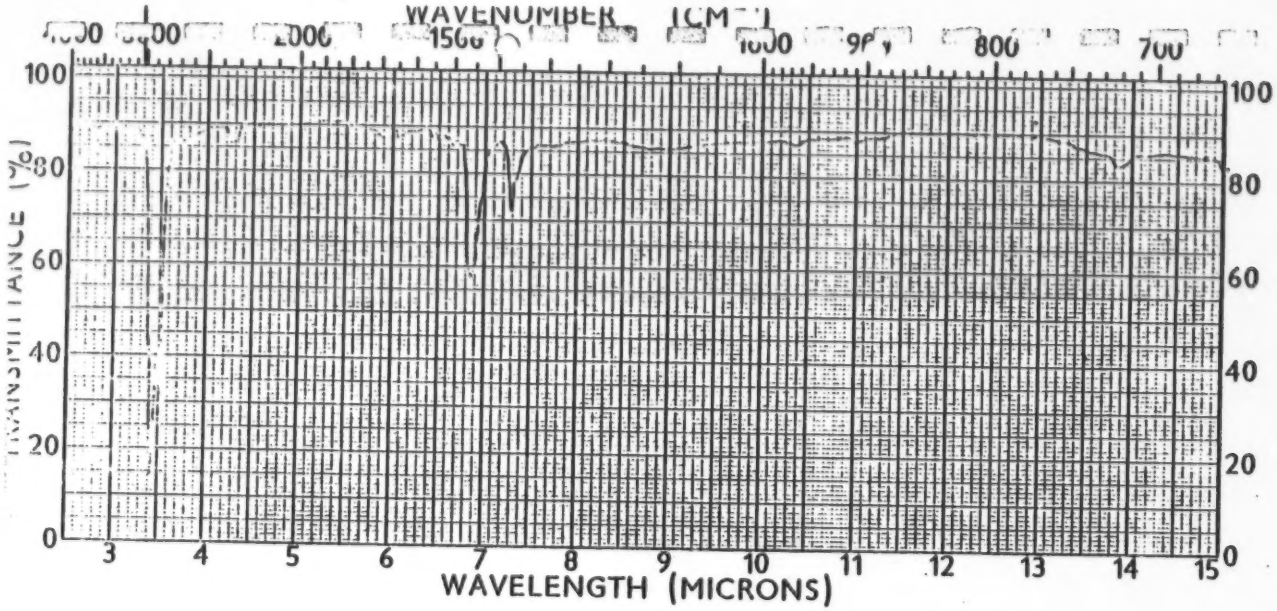
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144
Sample ID No 13.3.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.28		
3.0	W		
3.5	M		
5.9	W		
6.2	W		
6.85	M		
7.25	M		
9.7	W		
12.3	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	50	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1144	CONC.	REMARKS
TC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN T.H.E.b.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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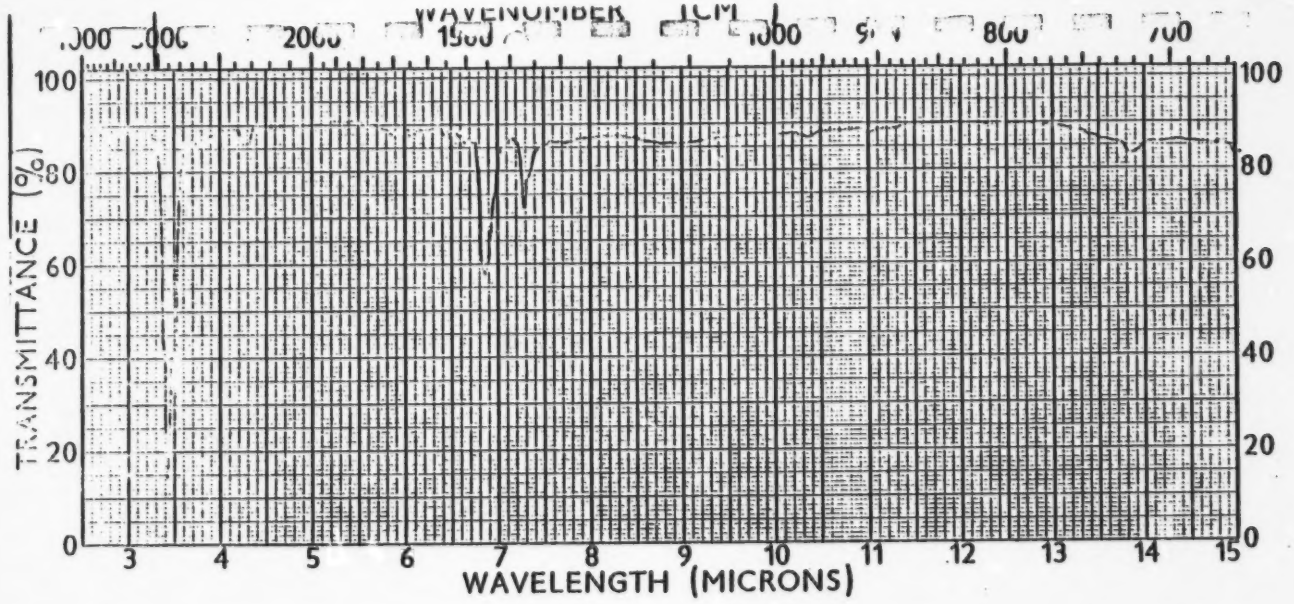
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-I
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.80		
3.5	M		
4.3	W		
5.9	W		
6.05	W		
6.4	W		
6.5	W		
6.65	W		
6.9	W		
7.3	W		
8.8	W		
9.35	W		
11.0	W		
11.3	W		
13.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	50	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1144	CONC.	REMARKS
IC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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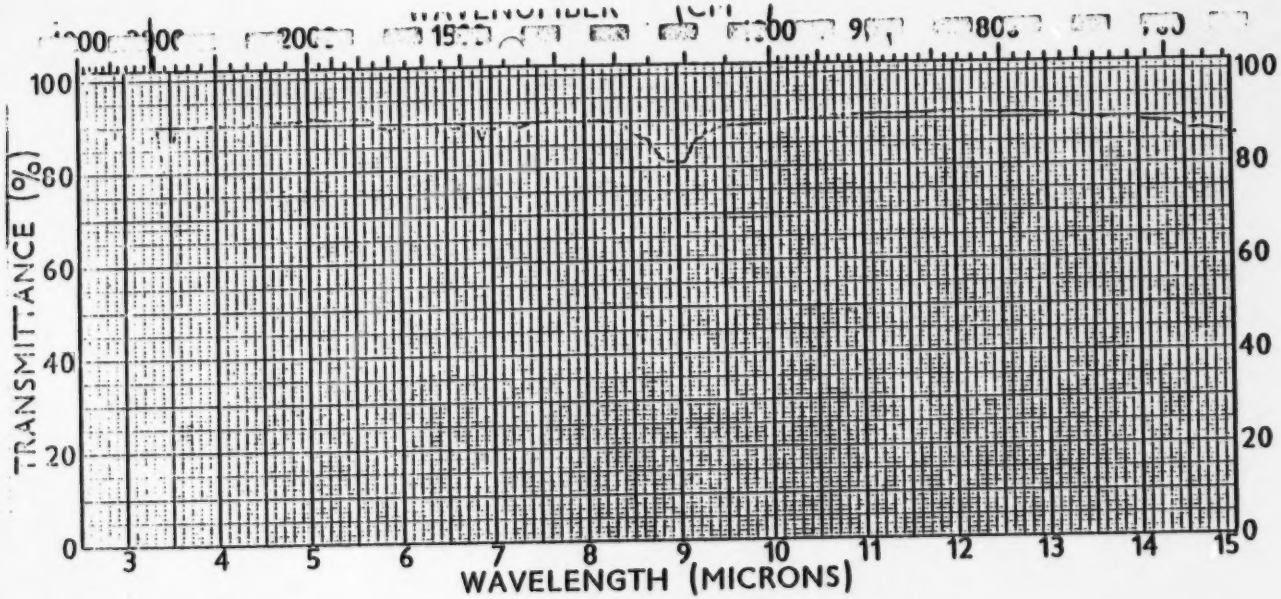
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-I
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.80		
3.5	M		
4.3	W		
5.9	W		
6.05	W		
6.4	W		
6.5	W		
6.65	W		
6.9	W		
7.3	W		
8.8	W		
9.35	W		
11.0	W		
11.3	W		
13.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	51	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1144	CONC.	REMARKS
IG FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

NO.

PART NO. 137E - 1281

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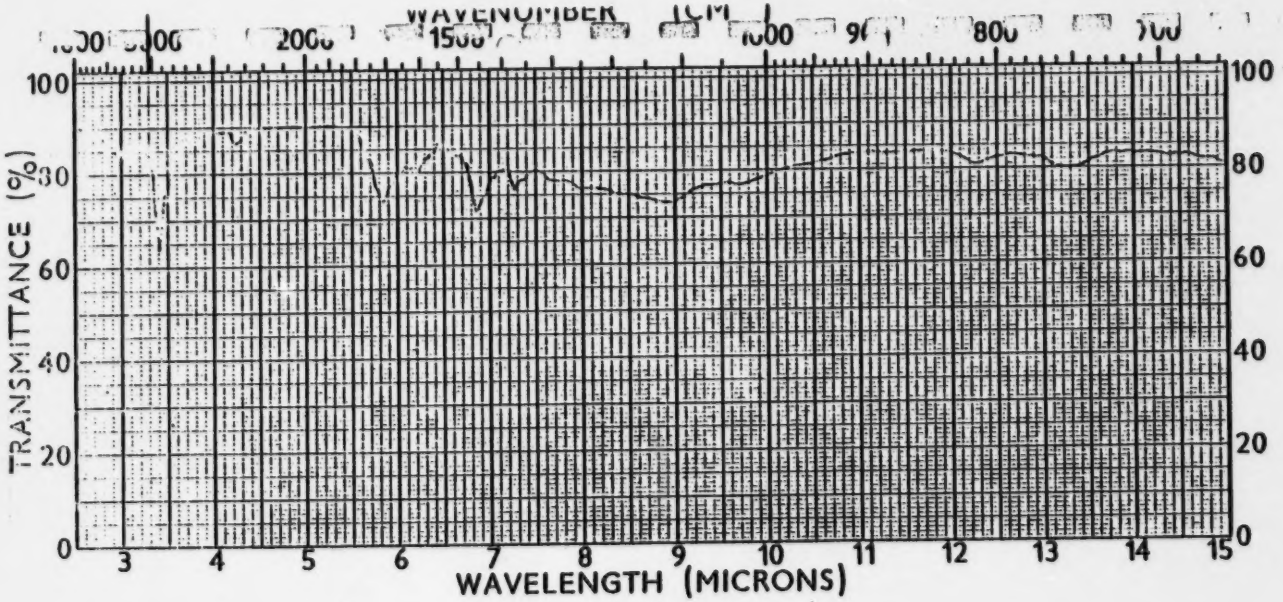
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ I[illegible]ANALIZE
IR ANALUSI[illegible]REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-II
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.05		
3.5	M		
4.3	W		
5.9	W		
6.05	W		
6.4	W		
6.5	W		
6.9	M		
7.3	W		
9.0	S		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	52	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1144	CONC.	REMARKS
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.H.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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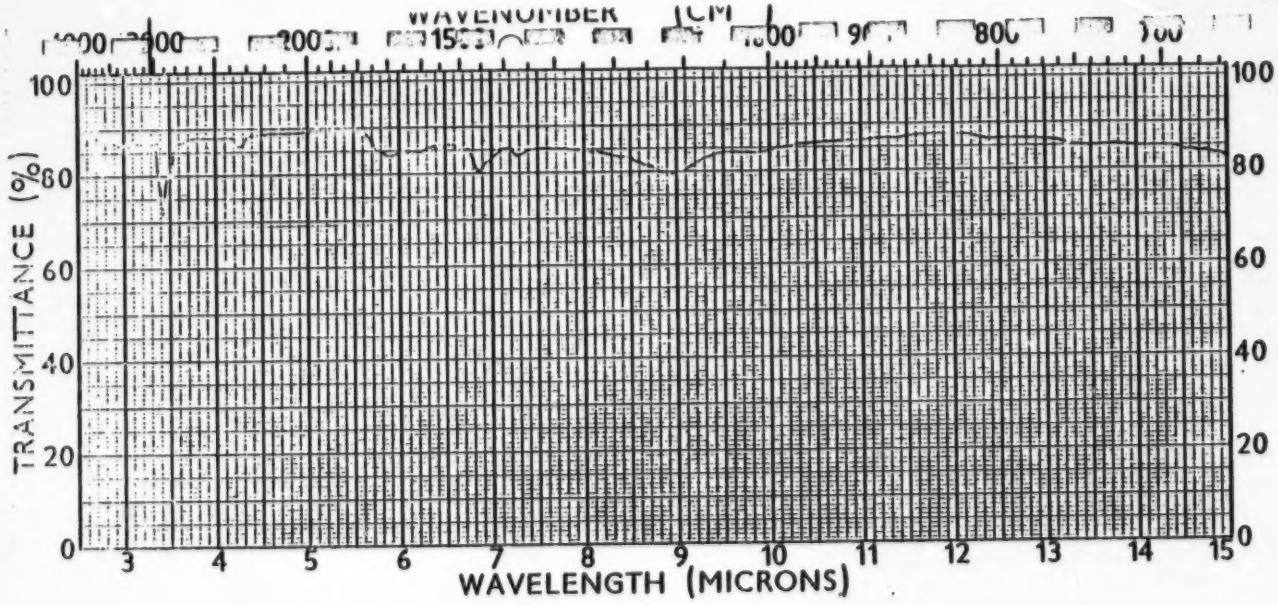
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ ANALIZE
IR ANALUS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-III
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.14		
3.0	W		
3.5	M		
4.25	W		
5.85	M		
6.05	M		
6.2	M		
6.4	W		
6.5	W		
6.85	S		
7.05	M		
7.3	M		
8.0	M		
9.0	M		
9.7	M		
12.25	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	53	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1144	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

NO.

PART NO. 1376 - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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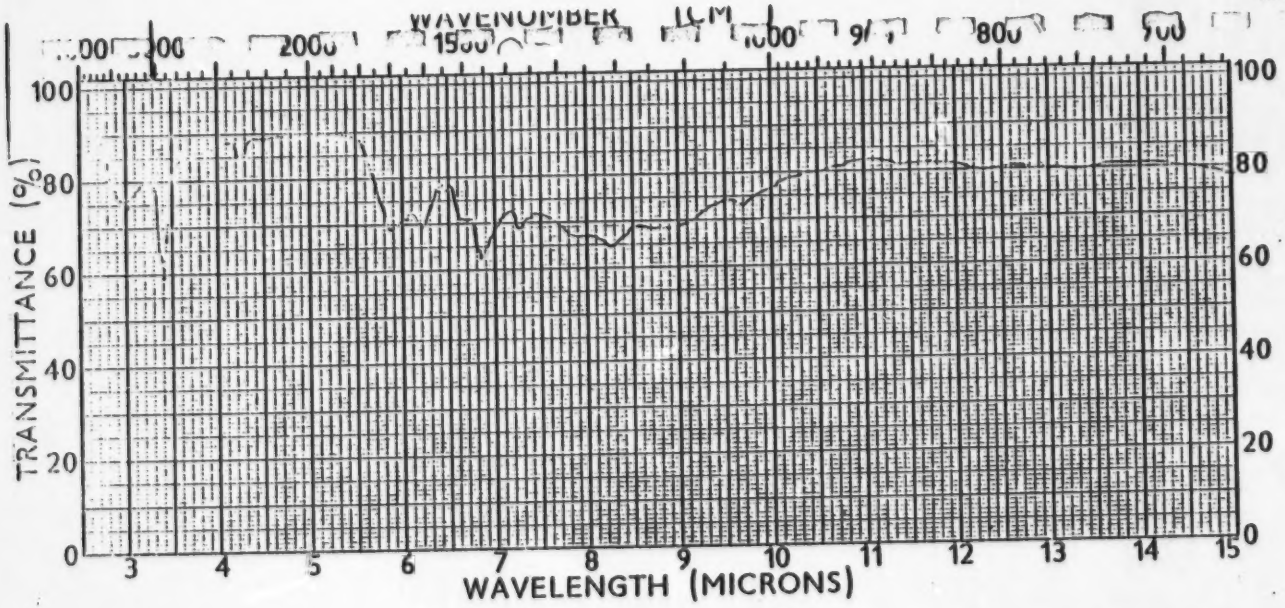
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HE
LABORATO.. FOR BIOPHYSICAL AND ANALYTIC
CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-IV
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.09		
3.0	W		
3.5	M		
4.25	W		
5.9	M		
6.4	W		
6.5	W		
6.9	M		
7.3	M		
9.0	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	54	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1144	CONC.	REMARKS
I.C FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN T.N.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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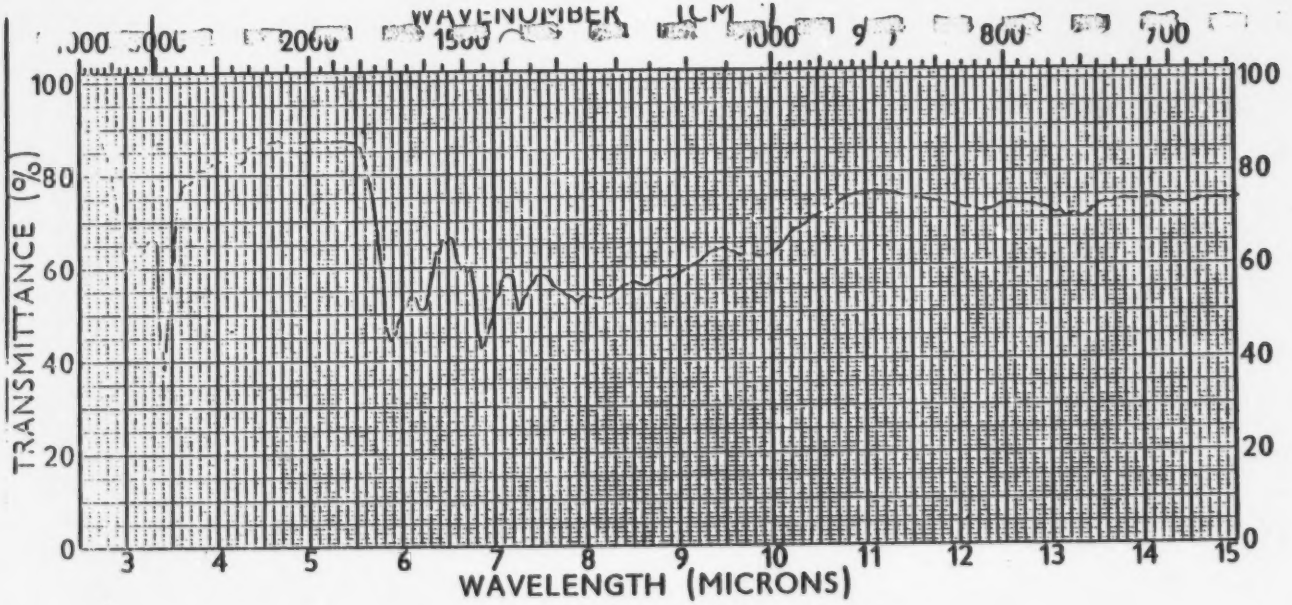
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-V
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.18		
3.0	M		
3.5	M		
4.25	W		
5.9	M		
6.05	M		
6.2	M		
6.4	M		
6.5	M		
6.65	M		
6.9	S		
7.05	M		
7.25	M		
7.9	S		
8.25	S		
9.7	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	55	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1144	CONC.	REMARKS
IC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.M.E.P.			

NO.

PART NO. 137E - 1281

PERKIN - ELMER LIMITED, BEACONSFIELD, BUCKS

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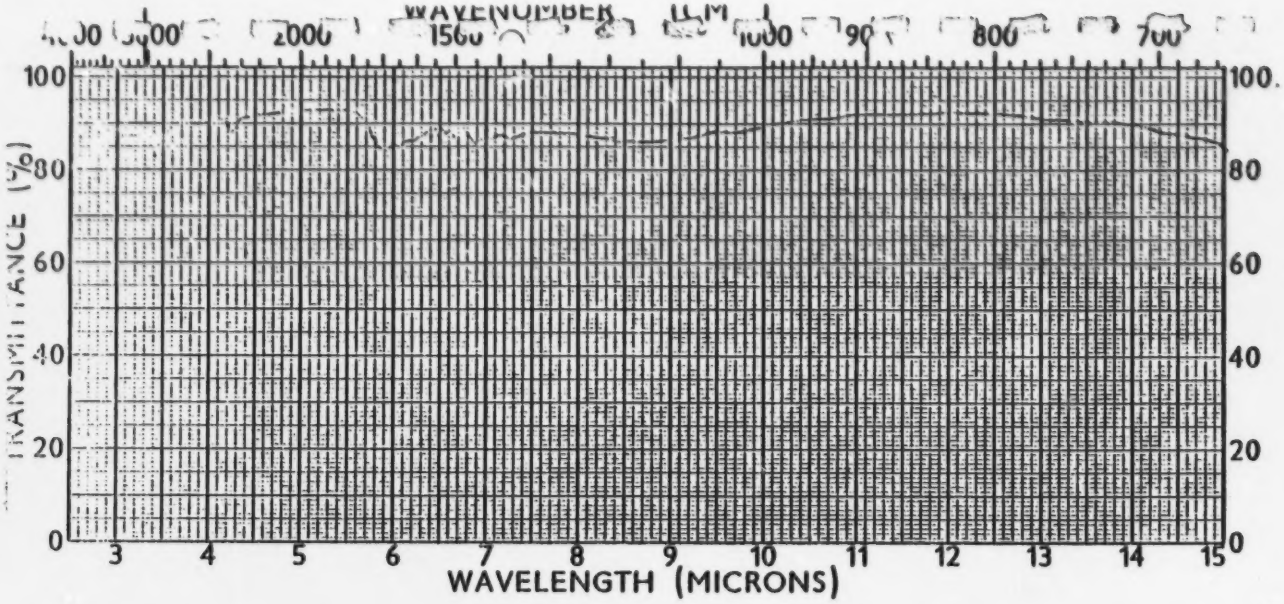
LABORATORIJA ZA BIOFIZICKU I ANALITICKU HEMIJU
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-VI
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.36		
3.1	M		
3.5	M		
4.3	W		
5.9	S		
6.05	M		
6.2	M		
6.4	M		
6.5	M		
6.7	M		
6.85	S		
7.05	M		
7.3	M		
7.9	M		
8.65	M		
9.8	M		
12.3	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	56	SOLVENT	OPERATOR D.J. DATE VI.1960
TEST No.	1144	CONC.	REMARKS
IG FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.3.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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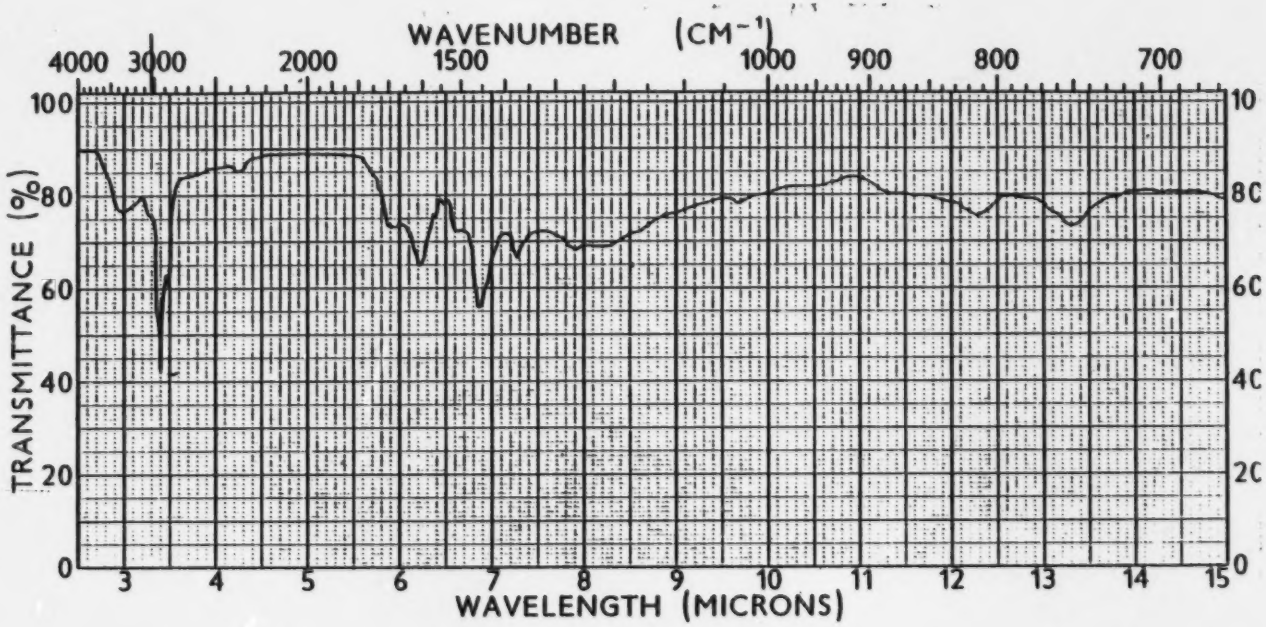
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1144-VII
Sample ID No 13.3

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3,4	0.04		
3,05	S		
3,5	S		
4.25	S		
5,9	S		
6.05	S		
6,4	S		
6,5	S		
6,55	S		
6,65	S		
6,7	S		
6,85	S		
7,3	S		



CONTRACT JF-2-570-5 SAMPLE 31 TEST No. 1222 SAMPLE I.D.No. 13.8. ORIGIN I.M.E.P.	PHASE SOLVENT CONC. CELL PATH REFERENCE DIRECT ON WINDOW	SCAN SPEED 8 SLIT M OPERATOR D.J. DATE VI.1980 REMARKS	NO.

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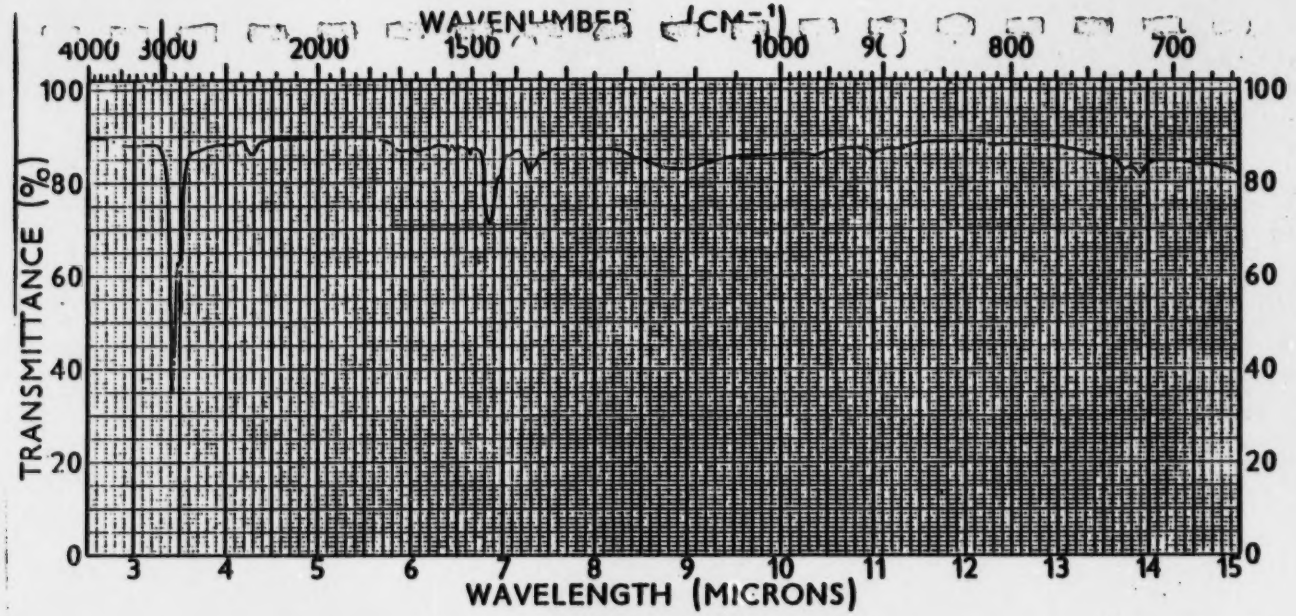
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1222
Sample ID No 13.8.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.32		
3.0	W		
3.5	M		
5.9	W		
6.2	M		
6.6	W		
6.85	M		
7.25	M		
7.9	M		
9.7	W		
12.3	W		
13.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	106	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1222	CONC.	REMARKS
LC FRACTION	I	CELL PATH	
SAMPLE I.D. No.	13.8.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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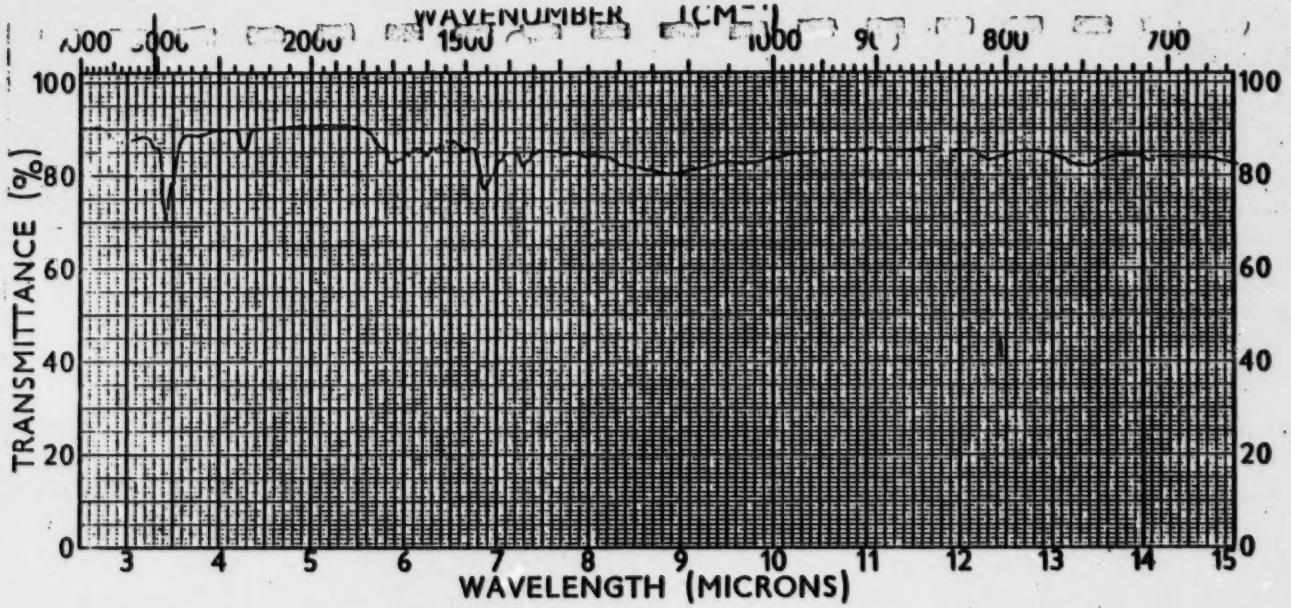
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1222-1
Sample ID No 13.8

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.41		
3.5	M		
4.3	W		
6.4	W		
6.5	W		
6.9	W		
7.3	W		
8.9	W		
10.4	W		
11.0	W		
13.7	W		
13.9	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	107	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1222	CONC.	REMARKS
LC FRACTION	II	CELL PATH	
SAMPLE I.D. No.	13.8.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

PART NO. 1378 - 1281

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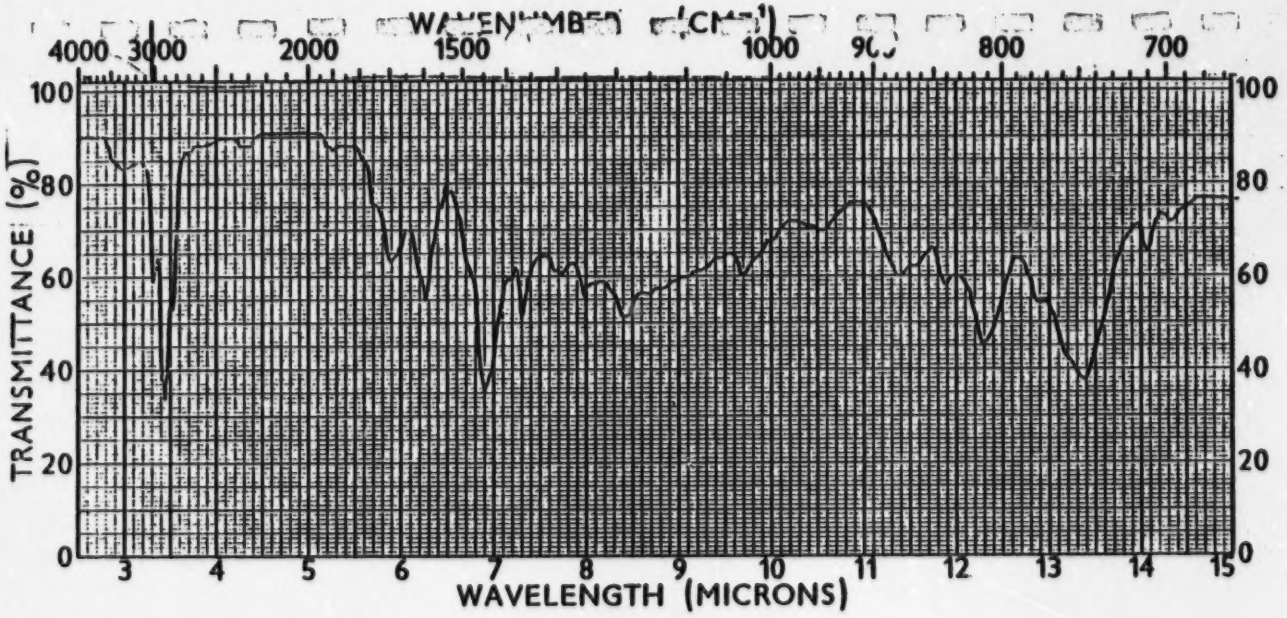
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5 ?
Test Sample No 1222-II
Sample ID No 13.8

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.1		
2.9	W		
3.5	M		
4.2	W		
5.9	M		
6.05	M		
6.2	M		
6.4	M		
6.5	M		
6.9	M		
7.3	M		
12.3	W		
13.4	M		
14.1	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	108	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1222	CONC.	REMARKS Good Sample
LC FRACTION	III	CELL PATH	
SAMPLE I.D. No.	13.8.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.N.E.P.		

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PART NO. 1375 - 1281

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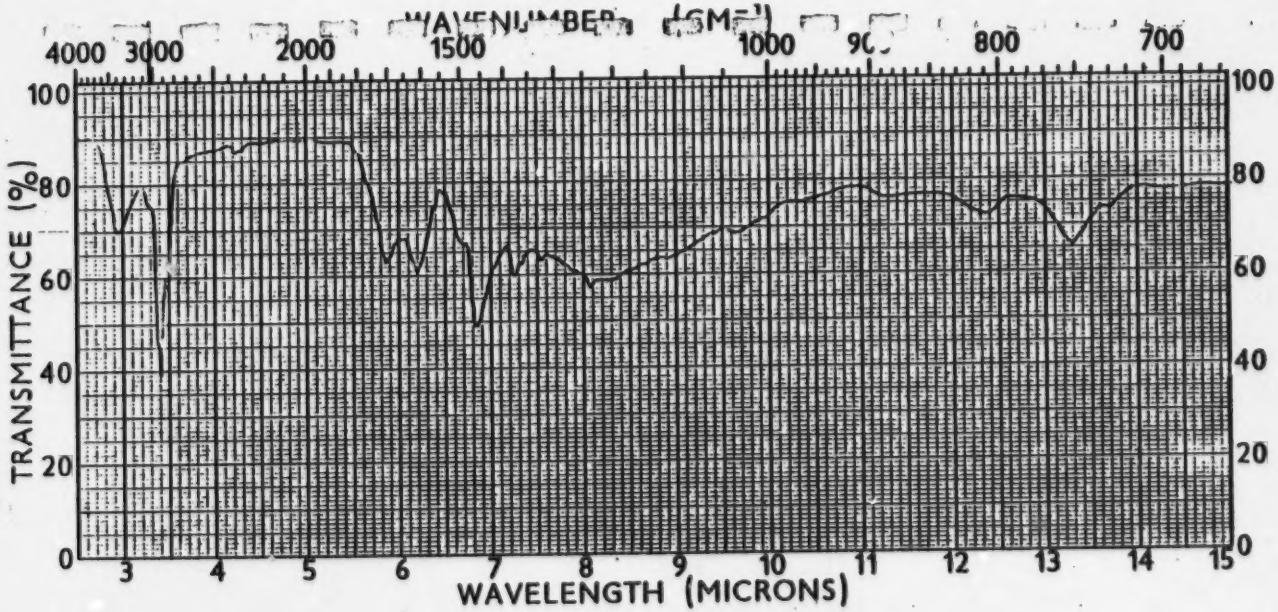
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No SF - 2 - 570 - 5 ?
Test sample No 1222-III
Sample ID No 13.8

Talasni broj Wave number ($cm.^{-1}$)	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.42		
2.9	W		
3.3	M		
3.5	M		
3.7	W		
4.3	W		
5.3	W		
5.9	M		
6.3	M		
6.4	W		
6.5	W		
6.9	S		
7.3	M		
7.7	M		
8.0	M		
8.4	M		
9.7	M		
10.6	W		
11.4	M		
11.9	M		
12.3	S		
12.9	M		
13.4	S		
14.1	M		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	109	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1222	CONC.	REMARKS
LC FRACTION	IV	CELL PATH	
SAMPLE I.D. No.	13.8.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

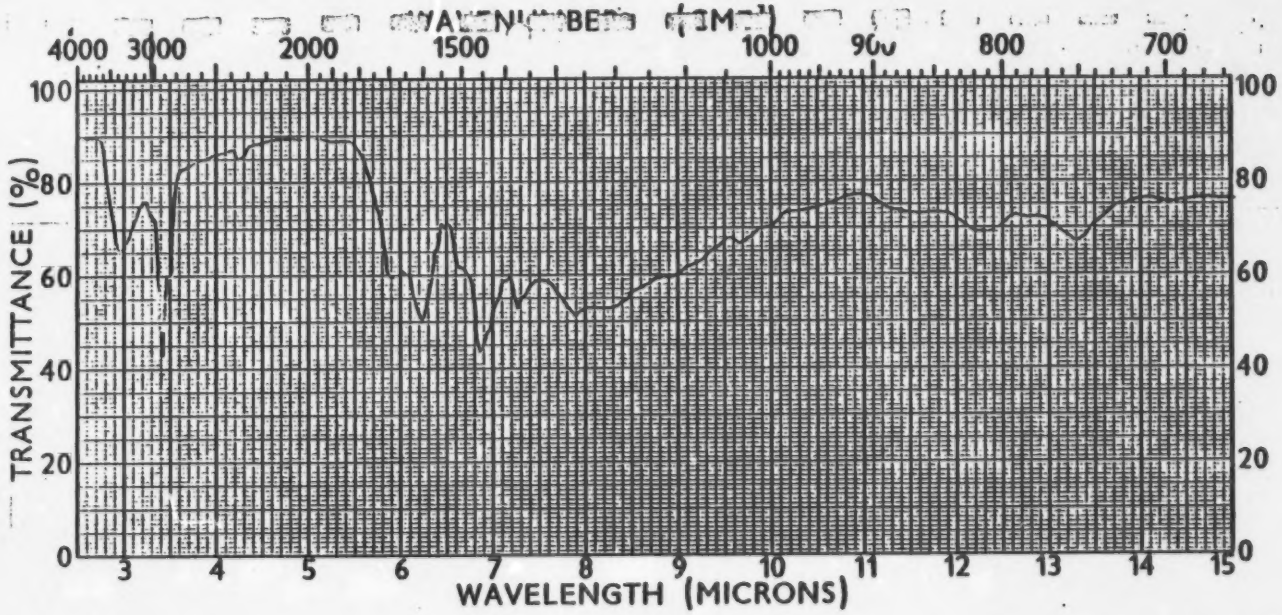
IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5

Test Sample No 1222-IV

Sample ID No 13.8

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
7.4	0.36		
8.9	M		
9.5	M		
4.2	W		
5.9	M		
6.2	M		
6.4	W		
6.5	W		
6.9	S		
7.25	M		
7.55	M		
8.1	M		
9.6	M		
11.3	W		
12.4	W		
13.3	M		
13.7	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	110	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1222	CONC.	REMARKS
LC FRACTION	V	CELL PATH	
SAMPLE I.D. No.	13.8.	REFERENCE DIRECT ON WINDOW	
ORIGIN I.N.E.P.			

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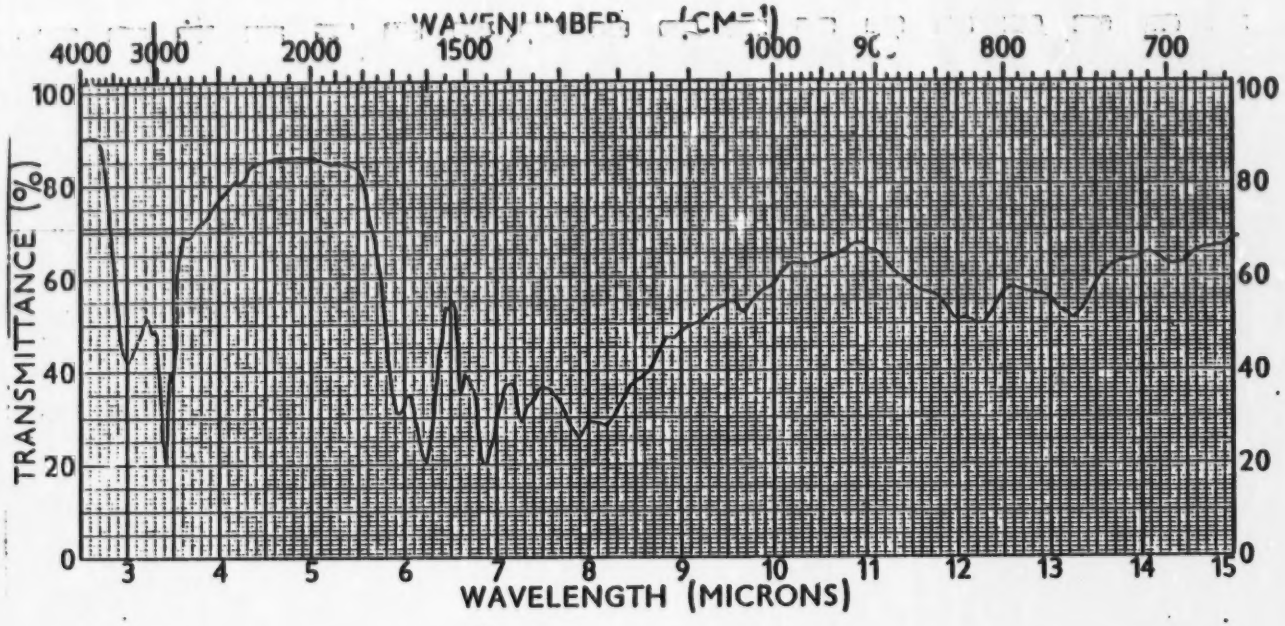
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No Jf - 2 - 570 - 5
Test sample No 1222-V
Sample ID No 13.8

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.32		
2.9	M		
3.5	M		
4.2	W		
5.9	M		
6.2	S		
6.4	M		
6.5	M		
6.9	S		
7.3	S		
7.9	S		
9.7	M		
12.4	M		
13.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT N
SAMPLE	111	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1222	CONC.	REMARKS
LC FRACTION	VI	CELL PATH	
SAMPLE I.D. No.	13.8.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.M.E.P.		

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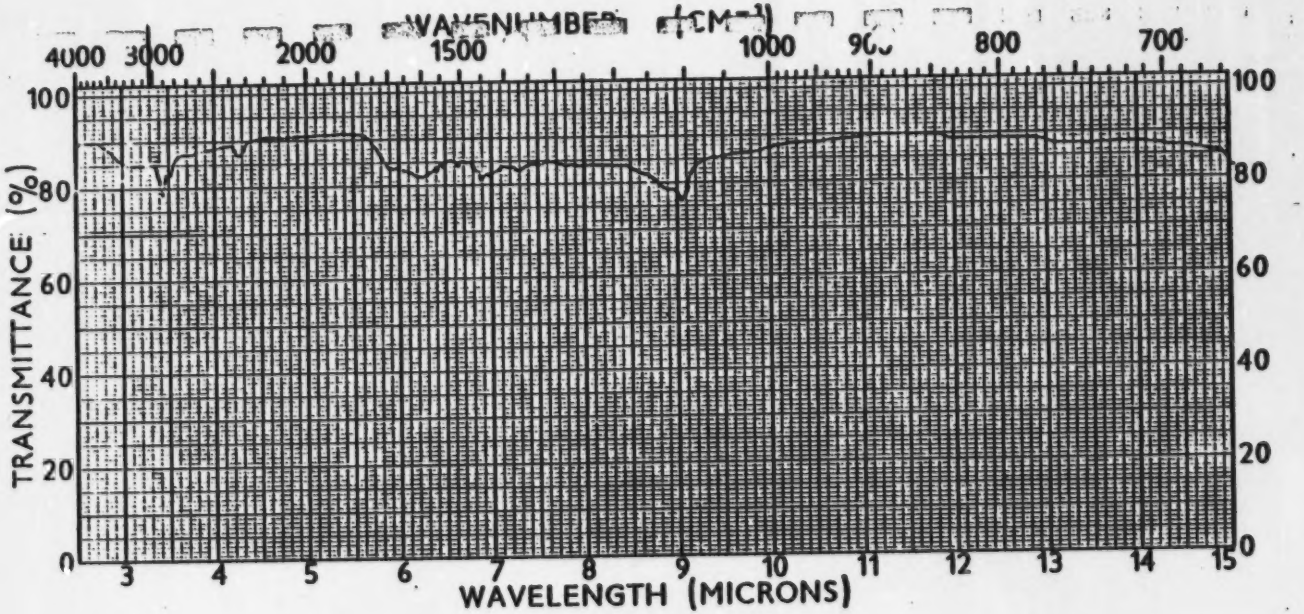
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test Sample No 1222-VI
Sample ID No 13.8

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	0.65		
2.9	M		
3.3	M		
3.5	M		
4.2	W		
5.9	S		
6.2	S		
6.5	M		
6.6	M		
6.9	M		
7.3	S		
7.9	S		
8.2	S		
9.7	M		
12.2	M		
13.2	M		
14.3	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED 8 SLIT M
SAMPLE	112	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1222	CONC.	REMARKS
LC FRACTION	VII	CELL PATH	
SAMPLE I.D. No.	13.8.	REFERENCE DIRECT ON WINDOW	
ORIGIN	I.H.E.P.		

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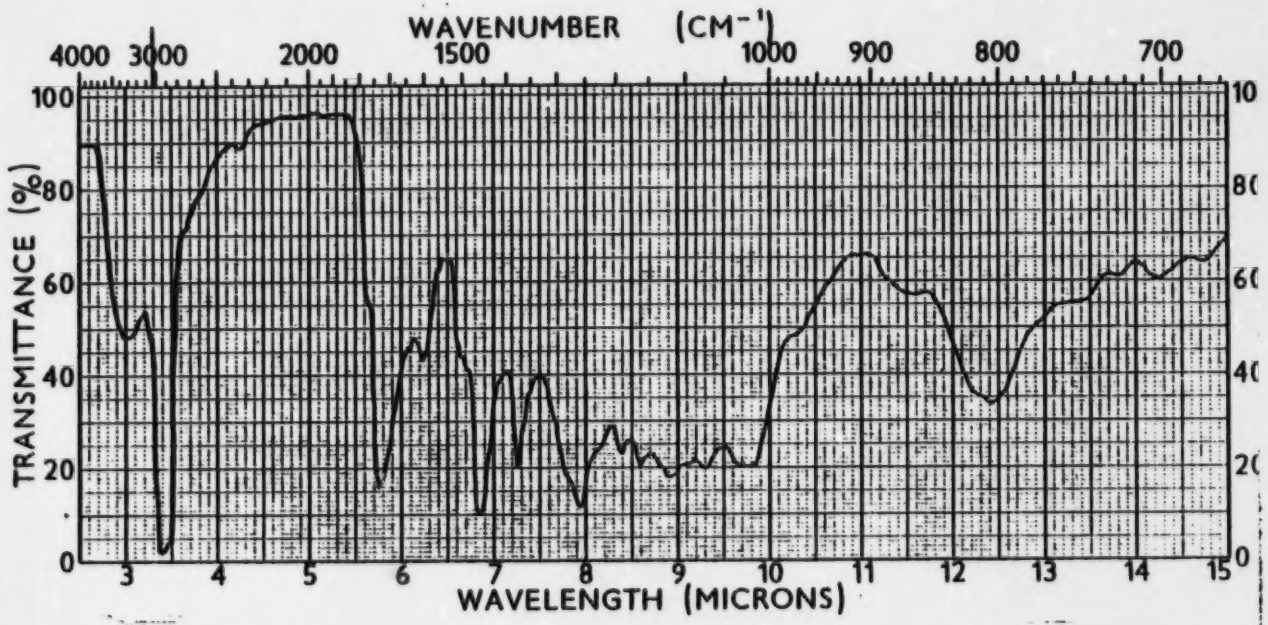
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVESTAJ IR ANALIZE
IR ANALYSIS REPORT

Contract No JF - 2 - 570 - 5
Test Sample No 1222-VII
Sample ID No 13.8

Talasna broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
2.1	0.073		
3.4	S		
3.5	M		
4.2	W		
6.4	M		
6.5	M		
6.65	M		
6.9	M		
7.3	M		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	32	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1234	CONC.	REMARKS
SAMPLE I.D.No.	7.3.N	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW

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LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1231-I
Sample ID No 3.2.

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.07		
3.0	W		
3.5	M		
5.85	M		
6.2	W		
6.9	M		
7.3	M		
8.3	M		
9.8	M		
10.4	W		
12.25	W		
13.3	W		

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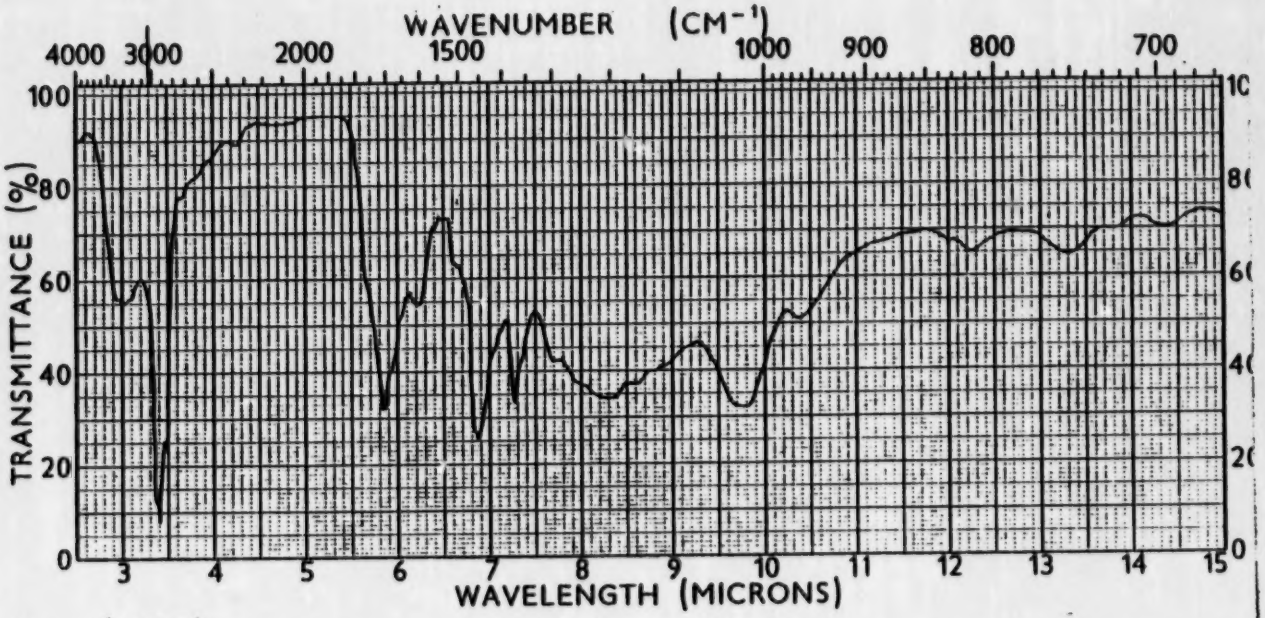
LABORATORY FOR BIOPHYSICAL AND ANALYTICAL CHEMISTRY

IZVEŠTAJ IR ANALIZE
IR ANALUSIS REPORT

Contract No JF - 2 - 570 - 5
Test sample No 1234
Sample ID No 7.3.H

Talasni broj Wave Number (cm^{-1})	Intenzitet Intensity	Klasifikacija Assignment	Komentar Comments
3.4	1.68		
3.0	W		
5.75	M		
6.25	W		
6.85	M		
7.25	M		
7.95	M		
8.4	M		
8.6	M		
8.9	M		
9.3	M		
9.8	M		
12.45	W		



CONTRACT	JF-2-570-5	PHASE	SCAN SPEED S SLIT N
SAMPLE	33	SOLVENT	OPERATOR D.J. DATE VI.1980
TEST No.	1231 - I	CONC.	REMARKS
SAMPLE I.D.No.	3.2.	CELL PATH	
ORIGIN	I.N.E.P.	REFERENCE	DIRECT ON WINDOW